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ABSTRACT

This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Individuals with Special Needs, (6) Research Design, Development and Utilization, (7) Students, Occupational Guidance and Other Student Personnel Services, (8) Teachers and Teacher Education, (9) Teaching and Learning, and (10) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC Document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 013 605). (CD)

ED051433

ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

SPRING 1971

ERIC
CLEARINGHOUSE ON
VOCATIONAL AND
TECHNICAL EDUCATION

VT 013 606

The Center for Vocational and Technical Education, an independent unit on The Ohio State University campus, operates under a grant from the National Center for Educational Research and Development, U.S. Office of Education. It serves a catalytic role in establishing consortia to focus on relevant problems in vocational and technical education. The Center is comprehensive in its commitment and responsibility, multidisciplinary in its approach and interinstitutional in its program.

The Center's mission is to strengthen the capacity of state educational systems to provide effective occupational education programs consistent with individual needs and manpower requirements by:

- Conducting research and development to fill voids in existing knowledge and to develop methods for applying knowledge.
- Programmatic focus on state leadership development, vocational teacher education, curriculum, vocational choice and adjustment.
- Stimulating and strengthening the capacity of other agencies and institutions to create durable solutions to significant problems.
- PROVIDING A NATIONAL INFORMATION STORAGE, RETRIEVAL AND DISSEMINATION SYSTEM FOR VOCATIONAL AND TECHNICAL EDUCATION THROUGH THE AFFILIATED ERIC CLEARINGHOUSE.

ED051433

Abstracts of Research and Related Materials in Vocational and Technical Education

Spring 1971

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ERIC Clearinghouse on Vocational and Technical Education
The Center for Vocational and Technical Education
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1900 Kenny Road, Columbus, Ohio 43210

ED074203

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Abstracts of Research and Related Materials in Vocational and Technical Education is a quarterly publication (Fall, Winter, Spring, Summer) published by the ERIC Clearinghouse on Vocational and Technical Education. Subscriptions are $11.00, one year; $18.00, two years; and $27.00, three years. Send order to ERIC Clearinghouse, The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210. Contents of this publication may be reprinted freely without requesting permission, providing appropriate credit is given to the Clearinghouse.

PREFACE

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM) and the companion publication Abstracts of Instructional Materials in Vocational and Technical Education (AIM) announce the availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. ARM incorporates abstracts of research and other materials which are useful to a wide audience of users such as researchers, supervisors, teacher educators, education specialists, administrators, teachers and others who have an interest in vocational and technical education. AIM includes abstracts of materials typically designed for teacher use or student use in the classroom, and annotations of bibliographies or lists of instructional materials. These publications prepared by the ERIC Clearinghouse on Vocational and Technical Education are published quarterly beginning with Fall 1967 issues.

The ERIC Clearinghouse on Vocational and Technical Education is a division of the Center for Research and Leadership Development in Vocational and Technical Education located at The Ohio State University and is one of the clearinghouses of the Educational Resources Information Center (ERIC-USOE). With the growth of vocational and technical education programs, there is an increasing need for accessible information that can be used in developing logical chains of reasoning for research activities, for improving school practices and for shortening the theory-practice gap. This Clearinghouse is striving to provide a useful and vital function in dissemination of information on vocational and technical education. ARM and AIM give visibility to a document-based information system which constitutes an on-going data bank of research and resource materials in vocational and technical education. Following are some of the benefits derived from this data base:

* A central source of information to be reviewed and synthesized into state-of-the-art papers, critical reviews, interpretive papers, etc.

* A resource which includes different kinds of materials, e.g., instructional materials, descriptive reports, survey reports, dissertations, conference proceedings, program plans or procedures, research reports.

* Provision for availability of primary source materials through the ERIC Document Reproduction Service (EDRS) and/or other distribution agencies.

* A source of bibliographies and a resource for development of bibliographies.

* A source of materials for different user groups (i.e., administrators, supervisors, teacher educators, teachers, legislative and advisory bodies) with information needs in such diverse areas as teaching and learning, manpower needs and requirements, research design and methodology, evaluation.

Since this Clearinghouse is a component of a larger information system, ERIC, it is logical that certain similarities among publications exist. In this regard the format of ARM and AIM is similar to that of Research in Education (RIE)[1], the primary publication of the Educational Resources Information Center (ERIC). RIE includes abstracts from all ERIC Clearinghouses. The abstracts of materials reported in ARM relate specifically to the educational field of vocational and technical education and constitute a segment of ERIC, the national information system for American education.

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[1]Research in Education is published 12 times a year. The first issue was no. 1, November 1966. Subscription: Domestic $21.00 a year; foreign $5.25 additional. Single copy: Domestic, $1.75. Send check or money order (no stamps) to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

In addition to the two quarterly publications, Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), and Abstracts of Instructional Materials in Vocational and Technical Education (AIM), other publications will be issued from time to time. These will typically concern themselves with reviewing and synthesizing information in specific areas of vocational and technical education, e.g., Review and Synthesis of Research in Technical Education; Agricultural Education; Home Economics, etc., and with reviewing and synthesizing information related to topical areas such as the economics of vocational and technical education.

We are indebted to our colleagues within the profession for their cooperation in forwarding materials to the clearinghouse and for their suggestions and comments which have materially assisted in the development of this program. We anticipate further refinement and improved procedures with the continued assistance of our advisory committee.

Robert E. Taylor
Director

INTRODUCTION

Organization of ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

Abstracts of Research and Related Materials in Vocational and Technical Education has two basic formats -- resumes and indexes -- to serve the browser and those seeking specific information. The resumes are organized according to several topical groupings in the first section of the document. Under each grouping, the resumes are arranged by Vocational Technical (VT) number which is an identification number assigned to reports as they are processed. Resumes contain an abstract which indicates the contents of a document in two hundred words or less. Documents which have been pulled from RIE resume tapes will appear in uppercase letters only. Additional components of a resume are explained in a diagram on page x.

Several indexes are located after the resume section to provide specific approaches to documents reported in the resume section. These indexes are:

Subject and Identifier Index
Personal and Institutional Author Index
Vocational and Supporting Services Index
Document Number Index
Conversion of Document Number Index (VT to ED or MP, ED or MP to VT)

All of the indexes refer to page numbers in this publication to enable the reader to quickly locate any resume of interest.

Availability of ARM

ARM is published quarterly (Fall, Winter, Spring, Summer). The first issue began Fall 1967. At this time the four issues for the period Fall 1967 - Summer 1968 and the AIM-ARM Annual Index, 1967-68 are available only on microfiche or facsimile copy. Annual subscriptions are available beginning with Fall 1968. Microfiche or facsimile for all previous issues may be ordered from ERIC Document Reproduction Service (EDRS), P.O. Drawer O, Bethesda, Maryland 20014. Please write to EDRS for order forms.

ED 013 336	Fall 1967 ARM	MF - $ .65	or	HC - $ 9.87
ED 015 335	Winter 1967 ARM	MF - $ .65	or	HC - $ 6.58
ED 016 875	Spring 1968 ARM	MF - $ .65	or	HC - $ 6.58
ED 019 525	Summer 1968 ARM	MF - $ .65	or	HC - $ 9.87
ED 022 064	AIM-ARM Annual Index, 1967-68	MF - $ .65	or	HC - $ 6.58
ED 022 970	Fall 1968 ARM	MF - $ .65	or	HC - $ 9.87
ED 027 437	Winter 1968 ARM	MF - $ .65	or	HC - $ 9.87
ED 030 000	Spring 1969 ARM	MF - $ .65	or	HC - $ 9.87
ED 031 586	Summer 1969 ARM	MF - $ .65	or	HC - $ 9.87
ED 036 652	AIM-ARM Annual Index 1968-69	MF - $ .65	or	HC - $ 6.58
ED 033 247	Fall 1969 ARM	MF - $ .65	or	HC - $ 9.87
ED 036 654	Winter 1969 ARM	MF - $ .65	or	HC - $ 9.87
ED 039 367	Spring 1970 ARM	MF- $ .65	or	HC - $13.16
ED 042 036	Summer 1970 ARM	MF - $ .65	or	HC - $ 9.87
ED 042 929	AIM-ARM Annual Index 1969-70	MF - $ .65	or	HC - $ 6.58
ED 045 857	Fall 1970 ARM	MF - $ .65	or	HC - $19.74
ED 048 516	Winter 1970 ARM	MF - $ .65	or	HC - $ 9.87

Subscriptions for hard copy may be initiated with the Fall 1968 issue, or subsequent issues. Send order indicating quarter and year that subscription is to begin to:

AIM-ARM
ERIC Clearinghouse
The Center for Vocational and Technical Education
1900 Kenny Road
Columbus, Ohio 43210

Availability of Materials Reported in ARM

A basic concept of the ERIC system is to make known the availability of the full text of materials abstracted. Most of the materials processed into the ERIC system with an ERIC Document (ED) number will be available from the ERIC Document Reproduction Service (EDRS) in the form of microfiche or facsimile copy. There is an EDRS availability line with each abstract which indicates if a document may be obtained from EDRS. If a document is not available from EDRS, the agency and address from which the document may be obtained is in the resume. Microfiche or facsimile copy must be ordered by ED (ERIC Document) number since EDRS is not set up to respond to requests for materials by subject, author, or title. AIM and ARM indexes can be used to determine ED numbers which relate to problem areas. Always check the most current issue of RIE for the latest price schedules and ordering procedure for microfiche (MF) and facsimile copy, called hard copy (HC).

Materials with ED numbers are announced in Research in Education (RIE) as well as AIM or ARM. These are available as individual documents through EDRS or another source. Documents with VT numbers only are not announced in RIE but are included in AIM and ARM. They are not available as individual documents from EDRS but as part of a VT-ERIC set. Microfiche for an individual document in one of these sets is obtainable only through purchase of the set or from agencies that have this set and have the capability of reproducing microfiche. Reports in these sets are identified in a resume by the phrase MF AVAILABLE IN VT-ERIC SET. The documents are grouped in VT number sequence in the microfiche set for each issue of AIM or ARM. Each set is announced in RIE under a single (ED) number. The Fall 1967 - Summer 1968 Microfiche Collections contain documents with VT numbers only and ED documents. Beginning with Fall 1968, the microfiche set contains the documents which have only VT numbers. Thus the microfiche collection for a particular issue of ARM now contains the items in that issue of ARM which have the statement, MF AVAILABLE IN VT-ERIC SET, in the resume. These sets may be ordered from EDRS. Information to be used in ordering the sets for ARM follows:

ARM Microfiche Collections

ARM	ED Number	Microfiche	ARM	ED Number	Microfiche
Fall 1967	ED 013 338	$20.02	Summer 1969	ED 031 587	$23.54
Winter 1967	ED 015 348	$23.10	Fall 1969	ED 033 237	$ 7.48
Spring 1968	ED 016 876	$33.66	Winter 1969	ED 036 657	$27.94
Summer 1968	ED 019 526	$63.36	Spring 1970	ED 039 370	$30.80
Fall 1968	ED 022 065	$ 4.84	Summer 1970	ED 042 060	$28.16
Winter 1968	ED 027 441	$30.36	Fall 1970	ED 045 860	$66.66
Spring 1969	ED 030 001	$22.00	Winter 1970	ED (See July '71 RIE)	$36.08

The prices quoted above reflect a new price schedule in effect for VT-ERIC microfiche collections as of June 1971.

It should be noted that organizations which have standing orders with EDRS for the total microfiche collections in RIE will automatically receive the ARM and AIM microfiche collections. If an organization wishes to order only the materials abstracted by VT-ERIC which are announced in RIE and are on microfiche, a standing order may be initiated with EDRS for a VT-ERIC package. This package will automatically include the ARM and AIM microfiche collections. Contact EDRS for information about cost of current or retrospective VT-ERIC packages.

Availability Key for Materials Reported in ARM

Accession Number	Availability on Microfiche
ED number supplied	ERIC Document Reproduction Service (EDRS) provided that the information is shown on EDRS price line.
ED appears with reference to an RIE issue, e.g., ED(See Aug. '69 RIE)	If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue.
VT number only supplied	Available on microfiche in VT-ERIC set from EDRS as indicated.
Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume.	

ERIC Document Reproduction Service (EDRS)

The ERIC Document Reproduction Service (EDRS) is operated by Leasco Information Products, Inc. (LIPCO). Request order forms from:

ERIC Document Reproduction Service (EDRS)
P.O. Drawer O
Bethesda, Maryland 20014

Prices for microfiche and/or hard copy undergo occasional changes which become effective when announced in Research in Education. EDRS prices cited in ARM and AIM reflect the prices in effect at the time of publication. Retrospective use of ARM and AIM requires attention to the most recent price schedules and ordering information which is available in a current issue of RIE.

Scope of the Clearinghouse

The Clearinghouse on Vocational and Technical Education is responsible for acquiring, processing, and disseminating through the ERIC system, research reports, instructional materials, information analysis products and other resource materials related to vocational and technical education. In addition to this general area, coverage includes the specific occupational fields of agricultural education, business and office occupations

education, distributive education, health occupations education, home economics education, technical education, trade and industrial education, and new sub-professional fields. The clearinghouse scope also encompasses the related fields of industrial arts education, manpower economics, occupational psychology, and occupational sociology. The following subject categories when specifically oriented to vocational-technical education and its related fields are included in the scope of the Clearinghouse: administration and supervision, curriculum, employment and occupations, evaluation and measurements, facilities and equipment, historical studies, individuals with special needs, instructional materials and devices, philosophy and objectives, research design and development, occupational guidance and other student personnel services, students, teachers, teacher education, teaching and learning.

Acquisitions

The adequacy of information in this publication, as well as other services of this Clearinghouse, is directly related to the extensiveness of the information acquired and processed into the system. This Clearinghouse has assumed the initiative in obtaining as much of the available information as possible. However, it is impossible for any organization to achieve complete and comprehensive coverage of a field as vast as vocational education without the cooperation and assistance of the profession. The growth and ultimate effectiveness of the system require supplemental efforts of its users. Any person in the vocational or technical field is invited to forward to the Clearinghouse two copies of items relating to vocational-technical education for possible inclusion in the system. Questions relating to this endeavor should be directed to the Acquisitions Specialist at the Clearinghouse.

Abbreviations

AIM	Abstracts of Instructional Materials in Vocational and Technical Education
ARM	Abstracts of Research and Related Materials in Vocational and Technical Education
ED	ERIC Document
EDRS	ERIC Document Reproduction Service
ERIC	Educational Resources Information Center
HC	Hard Copy
MF	Microfiche
MP	Manpower
RIE	Research in Education
VT	Vocational-Technical

SAMPLE RESUME

Accession Number--an identification number sequentially assigned to reports as they are processed.

Author(s)--the individual(s) who prepared the report.

EDRS Price--price of the document through the ERIC Document Reproduction Service. "MF" means microfiche; "HC" means hardcopy.

Report Number would appear here.

If item cited appeared originally in a journal, a journal citation would appear here.

Publication Date.

Total number of printed pages in the report, including cover and appendices.

Identifiers would appear here. These are acronyms, geographical areas, conferences, organizations, tests (e.g. Binet), etc. Only the major identifiers preceded by an asterisk are printed in the index.

Abstract--a condensation of the report in about 200 words. When applicable, it includes the purpose, procedure, results, and conclusions of the research activity.

VT 004 376 ED 020 326

Asbell, Bernard

New Directions in Vocational Education, Case Studies in Change.

Office of Education (DHEW), Washington, D.C. Bureau of Research

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.

OEC-1-6-004-32-0432

OE-80047

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.280:80047, $.30).

Pub Date - 67 61p.

Descriptors - *CASE STUDIES (EDUCATION); ADOPTION (IDEAS); *EDUCATIONAL CHANGE; TECHNICAL EDUCATION; *VOCATIONAL EDUCATION; AREA VOCATIONAL SCHOOLS; SLOW LEARNERS; PARAMEDICAL OCCUPATIONS; OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; EDUCATIONAL INNOVATION

Identifiers - SAN FRANCISCO; CALIFORNIA; *RICHMOND PRETECHNICAL PROGRAM; OHIO; GEORGIA; PHOENIX; ARIZONA; QUINCY; MASSACHUSETTS

Abstract - In recent efforts of the U.S. Office of Education to bridge the gap between development and adaptation of educational practice, visibility has been given to communities which have introduced new curriculums, teaching methods, and institutional patterns. Five locally initiated programs which have attempted to provide a flexibility of the educational system.....
.....and education leaders at state and local levels. Quincy, Massachusetts, is an example of a city in which vocational education has shifted from training for a single skill to preparing individuals for a cluster of occupational skills. (JM)

If ED is followed by numbers, item has been announced in Research in Education. If ED is not followed by numbers, the issue of RIE in which the abstract is scheduled to appear follows the ED prefix.

Title of report.

Institutional Source--the organization responsible for the report.

Sponsoring Agency--would appear here if different than Institutional Source.

Grant Number and Program Area Number would appear on this line.

Commercial, institutional, and other sources of availability if known at time of printing. Cost is included.

Descriptors--the subject terms assigned by an indexer to characterize the contents of a report. Only the major terms, those preceded by an asterisk, are printed in the index.

Abstractor's Initials.

Availability Key for Materials Reported in ARM

Accession Number:	Availability on Microfiche
ED number supplied	ERIC Document Reproduction Service (EDRS) provided the information is shown on EDRS price line.
ED appears with reference to an RIE issue (e.g., ED (See Aug. '69 RIE)	If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue.
VT number only supplied	Available on microfiche in VT-ERIC set from EDRS as indicated.
Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume.	

ERRATA

1. Several VT resumes were published in ARM Fall 1970 without their corresponding ED or MP numbers. Following are these VT numbers, their corresponding ED or MP numbers, and page number locations of the resumes in ARM Fall 1970:

VT 002 717	MP 000 137	p. 200
VT 007 108	MP 000 705	p. 176
VT 011 005	ED 040 277	p. 302
VT 011 534	ED 041 176	p. 228

These numbers are included in the current cumulative Conversion of Document Number Index.

2. VT 010 625 (ED 037 574), appearing on page 81 of ARM Fall 1970, was omitted from the Document Number Index of that issue. These numbers are included in the current cumulative Conversion of Document Number Index.

3. VT 010 704, appearing on page 255 of ARM Fall 1970, included an incorrect ED number. The correct ED number is ED 039 330. The correct combination is included in the current cumulative Conversion of Document Number Index.

4. VT 010 918, appearing on page 87 of ARM Fall 1970, included an incorrect ED number. The correct ED number is ED 039 343. The correct combination is included in the current cumulative Conversion of Document Number Index.

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ADMINISTRATION AND SUPERVISION SECTION 763
Guides, standards, conference proceedings, program descriptions, and research reports concerning educational program planning, program development, program administration, advisory committees, and experimental, pilot, and demonstration projects.

CURRICULUM SECTION 803
Workshop reports, conference proceedings, research reports, speeches, and papers concerning curriculum research and development.

EMPLOYMENT AND OCCUPATIONS SECTION 807
Bibliographies, descriptive reports, occupational survey reports, conference reports, and research studies concerning manpower needs, development, and utilization; employment qualifications, patterns, projections, opportunities, and trends; labor force and labor market; educational needs and opportunities; labor economics; and employment statistics supporting needed vocational education programs for specific occupational categories.

EVALUATION AND MEASUREMENTS SECTION. 831
Research reports, conference proceedings, follow-up studies, and instruments concerning the evaluation and measurement of students and programs. See other sections for other kinds of evaluation, e.g. Teachers and Teacher Education Section for teacher evaluation.

INDIVIDUALS WITH SPECIAL NEEDS SECTION 841
Research, descriptive, and conference reports concerning individual characteristics, educational needs, and programs for physically handicapped, emotionally disturbed, and socially, culturally, economically, and educationally disadvantaged groups.

RESEARCH DESIGN, DEVELOPMENT AND UTILIZATION SECTION 859
Descriptions, bibliographies, conference proceedings and other publications concerning research efforts and needs, research coordinating unit activities, educational change, research design, research methodology, research utilization, and abstracts of research reports.

STUDENTS, OCCUPATIONAL GUIDANCE AND OTHER STUDENT PERSONNEL SERVICES SECTION 863
Program descriptions, program guides, research reports and other documents concerning vocational counseling, occupational guidance, occupational choice, occupational and educational aspiration, career and employment opportunities, career planning, occupational information, student characteristics, and student organizations.

TEACHERS AND TEACHER EDUCATION SECTION 867
Program descriptions, conference proceedings, and research reports concerning teacher education, teacher characteristics, teacher employment, and teacher evaluation.

TEACHING AND LEARNING SECTION. 875
Research reports, conference proceedings and other documents concerning teaching methods and the learning process.

OTHER RESOURCES SECTION. 883
Bibliographies, directories, and other information sources concerning materials not focused on substantive problems found in other categories.

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CONVERSION OF DOCUMENT NUMBER INDEX. 991

ADMINISTRATION
AND SUPERVISION
SECTION

17

VT 001 106 ED 043 725
NIXON, R. A.
THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.

NEW YORK UNIV., N.Y. CENTER FOR THE STUDY OF UNEMPLOYED YOUTH.
SOCIAL AND REHABILITATION SERVICE (DHEW), WASHINGTON, D.C. OFICE OF JUVENILE DELINQUENCY AND YOUTH DEVELOPMENT.
EDRS PRICE MF-$0.65 HC-$3.29
CENTER FOR THE STUDY OF UNEMPLOYED YOUTH, GRADUATE SCHOOL OF SOCIAL WORK, NEW YORK UNIVERSITY, 853 BROADWAY, NEW YORK, NEW YORK 1000
PUB DATE - 67 67P.

DESCRIPTORS - EMPLOYMENT OPPORTUNITIES; *JOB DEVELOPMENT; *JOB MARKET; JOB PLACEMENT; *MANPOWER NEEDS; *MANPOWER UTILIZATION; OCCUPATIONAL INFORMATION; UNSKILLED WORKERS; *VOCATIONAL EDUCATION

ABSTRACT - THIS MONOGRAPH IS ADDRESSED PRINCIPALLY TO THE POLICY MAKER AND PROGRAM PLANNER DEALING WITH JOB DEVELOPMENT, AND DEFINES SOME OF THE LIMITS, PROBLEMS, AND NEEDS OF THE FIELD. PRIMARILY, JOB DEVELOPMENT IS CONCERNED WITH THE DEMAND SIDE OF THE LABOR MARKET EQUATION, DEALING WITH THE AVAILABILITY OF JOB OPENINGS IN GENERAL OR FOR A PARTICULAR GROUP, AND WITH THE DEMAND FOR WORKERS. BUT THE SUPPLY SIDE--WORKERS' QUALIFICATIONS AND TRAINING--MUST ALSO BE CONSIDERED BY THE JOB DEVELOPER AS HE TRIES TO LOWER THE UNEMPLOYMENT RATE. WHILE A GENERALIZED INCREASE IN LABOR DEMAND WILL AUTOMATICALLY DISSOLVE A LARGE SECTION OF THE MARGINAL JOBLESS LABOR FORCE, AN IMPORTANT RESIDUE OF DISADVANTAGED UNEMPLOYED WHO REQUIRE SPECIAL CARE AND ASSISTANCE TO REALIZE THEIR POTENTIAL AS WORKERS WILL REMAIN. IN THIS CONTEXT, THE PAPER CONSIDERS THE FOLLOWING TOPICS: (1) LABOR MARKET INFORMATION--NEEDS, SOURCES, AND GAPS, (2) WORKERS AND JOBS, (3) THE HIRING PROCESS, AND (4) FULL EMPLOYMENT, JOB DEVELOPMENT, AND JOB CREATION. (CH)

VT 006 685
Freed, Robert Vernon
The Development of Post-High School Technical-Vocational Education in Oklahoma.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - May68 76p.

DESCRIPTORS - *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *POST SECONDARY EDUCATION; STATE UNIVERSITIES; EDUCATIONAL TRENDS; *ENROLLMENT TRENDS; STATE LEGISLATION; *PROGRAM COORDINATION; SCHOOL SURVEYS; MASTERS THESES

ABSTRACT - With constantly changing developments in the area of technical-vocational education, there is a need for a recording of events for the purpose of identifying trends. Thus, a historical and descriptive study in post-high school technical-vocational education was conducted in the following areas: (1) state-supported institutions, (2) industrial education throughout Oklahoma, (3) relevant state legislation, (4) enrollments and graduates of technical-vocational programs, and (5) recent research in this area. It was disclosed as a result of this investigation that the institutions of higher education furnish the bulk of the technical-vocational training and that there is no state coordinating unit for all such programs. Further research is recommended to determine the feasibility of creating a coordinating unit. This M.S. thesis was presented to Oklahoma State University. (AUTHOR/JS)

VT 007 637 ED 043 729
ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING, FIRST SESSION 1967, PART 2--APPENDIX.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.
EDRS PRICE MF-$0.65 HC-$13.16
PUB DATE - JUN 68 340P.

DESCRIPTORS - *EDUCATION; FEDERAL AID; FEDERAL GOVERNMENT; *FEDERAL LAWS; *FEDERAL LEGISLATION; FEDERAL PROGRAMS; *TRAINING
IDENTIFIERS - 90TH CONGRESS; US CONGRESS; US SENATE

ABSTRACT - TEXTS OF MAJOR EDUCATION AND TRAINING LAWS AMENDED BY THE FIRST SESSION OF THE 90TH CONGRESS ARE INCLUDED IN THIS APPENDIX TO ED 029 096: (1) ELEMENTARY AND SECONDARY EDUCATION ACT, (2) PUBLIC LAW 874, (3) PUBLIC LAW 815, (4) ADULT EDUCATION ACT, (5) COOPERATIVE RESEARCH ACT, (6) HIGHER EDUCATION ACT, (7) NATIONAL DEFENSE EDUCATION ACT, (8) FELLOWSHIPS FOR URBAN STUDIES, (9) EDUCATIONAL BROADCASTING, (10)

VOCATIONAL REHABILITATION ACT, (11) LOAN SERVICE OF CAPTIONED FILMS AND EDUCATIONAL MEDIA FOR THE DEAF AND HANDICAPPED, (12) GRANTS FOR TEACHING IN THE EDUCATION OF HANDICAPPED CHILDREN, (13) TRAINING OF TEACHERS OF MENTALLY RETARDED AND OTHER HANDICAPPED CHILDREN, (14) YOUTH-WORK-STUDY PROGRAMS, (15) VETERANS READJUSTMENT BENEFITS ACT, AND (16) LIBRARY SERVICES AND CONSTRUCTION ACT. (DM)

VT 008 243
Federal Programs for the Development of Human Resources. Vol. I.

Congress of the U.S., Washington, D.C. Joint Economic Committee.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 ($1.00).
PUB DATE - 68 20p.

DESCRIPTORS - *PUBLIC POLICY; *EMPLOYMENT LEVEL; *MANPOWER DEVELOPMENT; *FEDERAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; MANPOWER NEEDS; *NATIONAL DEFENSE

ABSTRACT - Conversion from a wartime to a postwar economy involves significant changes in priorities. This report describes the manpower impact of these changes. Although it predicts an increase in employment opportunities resulting from a switch from defense to civilian objectives, the increase in jobseekers is expected to exceed openings by 375,000 when the war ends and military men enter the civilian labor market. This represents an increase of only one-half of one percent in unemployment, but regional imbalances will be serious in areas dependent upon defense industries. Education for returning veterans can provide a partial solution by increasing their skill level and delaying reentry into the labor force, but a satisfactory solution requires efforts at improving mobility and reducing entry barriers. (BH)

VT 008 531
Vocational Education: A Feasibility Study for the Suburbs of Tomorrow. Vol. I.

Social, Educational Research and Development, Inc., Chicago, Ill.
Educational Development Cooperative, Homewood, Ill.
Bremen Community High School, Ill.
Illinois State Board of Vocational Education and Rehabilitation, Springfield
MF AVAILABLE IN VT-ERIC SET.
Educational Development Cooperative, 18216 Harwood, Homewood, Illinois 60430 ($5.00).
PUB DATE - Sep68 149p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *FOLLOWUP STUDIES; *PROGRAM DESCRIPTIONS; ENROLLMENT PROJECTIONS; PROGRAM COSTS; *FEASIBILITY STUDIES; PROGRAM PLANNING; COURSES; SECONDARY GRADES

ABSTRACT - To investigate the feasibility of locating a broadly based vocational program among the 14 high school districts served by the Educational Development Cooperative (EDC) of South Cook County, Illinois, data were collected from a followup study of former high school students, a survey of the 1968 senior classes, on-site evaluations of vocational offerings, personal interviews, and other sources. Analyses revealed: (1) Vocational education offerings in EDC schools are grossly inadequate and inappropriate, (2) Since a large number of high school students do not attend college, the emphasis on college preparation is not in the best interests of all students, and (3) A vocational education program will be prohibitively expensive for many of the districts. Developed to meet the needs of students, the proposed plan is a three-level operation involving an administrative unit, vocational satellite centers offering a variety of programs on an inter-school district basis, and vocational centers located adjacent to or in a high school. Cost estimate, enrollment projections, course offerings, and program implementation suggestions are included. (SB)

VT 009 604
Guidelines for Cooperative Education Coordinator.

Alaska State Dept. of Education, Juneau. Div. of Vocational Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 54p.

DESCRIPTORS - *COOPERATIVE EDUCATION; *COOPERATIVE PROGRAMS; *GUIDELINES; *COORDINATORS; GUIDANCE FUNCTIONS; *PROGRAM ADMINISTRATION; STUDENT RECORDS; TEACHER CERTIFICATION; TEACHER EDUCATION; PROGRAM DEVELOPMENT; ADVISORY COMMITTEES; PUBLIC RELATIONS; PHYSICAL FACILITIES; PROGRAM COORDINATION; PROGRAM EVALUATION; ON THE JOB TRAINING

ABSTRACT - The cooperative education coordinator considers the cooperative education problems of all the vocational disciplines, including those facing the vocational education staff, school administrators, the local community, business and industry, management, and unions; his role does not supplant that of instructors engaged in cooperative education. The manual consists of two major sections. The first discusses: (1) the challenges of vocational education, (2) the expansion of cooperative education, (3) interrelationship of service areas, (4) the relationship between education and the economy, (5) differentiation between work experience and cooperative education programs, (6) basic elements of cooperative programs in the various service areas and programs which overlap service areas, and (7) common elements of all cooperative education. Basic definitions relevant to cooperative education are presented. The second major section presents guidelines for the cooperative education coordinator in connection with: (1) the coordinator's responsibilities, (2) the guidance and counseling function of the school, (3) development of student personnel records, (4) qualifications of the teacher-coordinator, (5) preparation and certification of the teacher-coordinator, (6) initiation of a cooperative program, (7) school policies relevant to cooperative education, (8) advisory committees, (9) public relations, (10) teaching facilities, (11) in-school instruction, (12) on-the-job instruction, (13) evaluation, and (14) legal responsibilities. (JK)

VT 009 642 ED 042 876
APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.

NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - 69 52P.

DESCRIPTORS - *EXTENDED SCHOOL YEAR; *PILOT PROJECTS; PROGRAM EVALUATION; STUDENT RECORDS; STUDENTS; *VOCATIONAL EDUCATION; *VOCATIONAL TRAINING CENTERS

ABSTRACT - AMONG THE REASONS WHICH CAN BE CITED FOR THE FAILURE OF STUDENTS TO PURSUE AN OCCUPATIONAL COURSE OF STUDY ARE A LACK OF AVAILABLE SCHOOL TIME, A CONFLICT WITH EXTRACURRICULAR ACTIVITIES, REQUIRED CREDITS FOR GRADUATION, AND PARENTAL ATTITUDE TOWARD OCCUPATIONAL EDUCATION. IN AN EFFORT TO SKIRT THESE CONFLICTS THREE COUNTIES WERE SELECTED TO PILOT TEST A PROGRAM THAT INVOLVED EXTENDING THE SCHOOL YEAR. THE MAJOR PURPOSES OF THIS EFFORT WERE TO PROVIDE VOCATIONAL TRAINING AS PART OF THE REGULAR SCHOOL PROGRAM AND TO ASSESS THE VALUE OF OPERATING THE OCCUPATIONAL CENTER DURING THE SUMMER MONTHS. THE PROGRAM WAS RUN AND PROVIDED DATA TO SUPPORT THE CONCLUSIONS THAT: (1) A QUALITY PROGRAM COULD BE MADE AVAILABLE TO ALL STUDENTS, (2) APPROXIMATELY 22 PERCENT MORE STUDENTS COULD BE SERVED BY THE AREA OCCUPATIONAL CENTER, (3) TOTAL USE OF EQUIPMENT AND FACILITY FOR 12 MONTHS ALLOWS A GREATER NUMBER OF STUDENTS TO USE THE EQUIPMENT FOR A LONGER PERIOD OF TIME, AND (4) STUDENT TUITION COULD OFFSET THE ADDED EXPENDITURE OF THE EXTENDED SCHOOL YEAR. AMONG THE RECOMMENDATIONS WERE THAT STUDENT RECRUITMENT TIME BE EXTENDED AND THAT STUDENT ACHIEVEMENT RECORDS BE AVAILABLE TO COUNSELORS AND TEACHERS. TOPICAL OUTLINES, FINANCIAL DATA, AND SUGGESTED SCHEDULING FORMATS ARE INCLUDED IN THE DOCUMENT. (JS)

VT 009 758
Approval Criteria for Area Secondary Vocational Centers in Illinois. Bulletin No. 214.

Illinois State Board of Vocational Education and Rehabilitation, Springfield. Div. of Vocational and Technical Education.
MF AVAILABLE IN VT-ERIC SET.
Illinois State Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education, 405 Centennial Building, Springfield, Illinois 62706.
PUB DATE - Jul68 15p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *GUIDELINES; STANDARDS; *AREA VOCATIONAL SCHOOLS; ADMINISTRATIVE ORGANIZATION; *STATE PROGRAMS; *PROGRAM DEVELOPMENT; STATE BOARDS OF EDUCATION; EVALUATION CRITERIA; EDUCATIONAL FACILITIES
IDENTIFIERS - ILLINOIS

ABSTRACT - The criteria, providing guidelines for consideration by local districts in developing and operating area vocational programs, serve as a basis for State staff decisions and recommendations to the Board of Vocational Education and Rehabilitation for approval of area vocational centers. Included are: (1) a 2-phase procedure for area center approval, including planning and implementation, (2) criteria for area vocational center approval listed under potential of the area to support a center, vocational program to meet the needs of the area, facilities for successful center operation, and administrative organization, (3) continued approval of existing centers and approval of applications received prior to adoption of criteria, and (4) approval of future area vocational center concepts. (GR)

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VT 009 760
Assessing the Economic Scene.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 25p.; Publication based upon the testimony of Secretary of Labor George P. Shultz before the Joint Economic Committee of the U.S. Congress on February 20, 1969.

DESCRIPTORS - *FEDERAL PROGRAMS; *OBJECTIVES; *PUBLIC POLICY; *UNEMPLOYED; MANPOWER DEVELOPMENT; DISADVANTAGED GROUPS; YOUTH EMPLOYMENT; NEGRO EMPLOYMENT; *ADULT VOCATIONAL EDUCATION; PROGRAM PLANNING

ABSTRACT - The best solution to the poverty problem and one of our nation's major goals today is to stop inflation without causing significant unemployment. Present manpower policy assumes that this is possible if inflation is reduced gradually, because training programs are being used to supplement traditional monetary and fiscal policy, and because there is a trend toward employment in industries less sensitive to cyclical fluctuations. Manpower programs should be planned within the context of our social goals of: (1) reaching goals with serious employment problems such as Negroes and youth, (2) building needed skills to eliminate bottlenecks, (3) developing better placement services to make the labor market more efficient, and (4) improving unemployment insurance. (BH)

VT 010 072 ED 042 877
GROEMPING, FRANZ A.
TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.

BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - AUG 69 60P.

DESCRIPTORS - *COMPARATIVE EDUCATION; *DEVELOPED NATIONS; *NATIONAL PROGRAMS; OUT OF SCHOOL YOUTH; SCHOOL ATTENDANCE LAWS; SCHOOL ATTITUDES; *SECONDARY SCHOOL STUDENTS; *VOCATIONAL EDUCATION; YOUTH EMPLOYMENT

ABSTRACT - THE 1968 MANPOWER REPORT OF THE PRESIDENT STRESSED THE SERIOUSNESS OF YOUTH UNEMPLOYMENT IN THE UNITED STATES, ESPECIALLY WHEN COMPARED WITH OTHER COUNTRIES. THIS PAPER SURVEYS THE TRANSITION OF TEENAGERS FROM SCHOOL TO WORK IN COUNTRIES ECONOMICALLY AND POLITICALLY SIMILAR TO THE UNITED STATES. ALLOWING FOR DIFFERENCES IN CERTAIN SIGNIFICANT VARIABLES BETWEEN COUNTRIES, THE PAPER COMPARES END RESULTS IN TERMS OF INDICATORS SUCH AS EMPLOYMENT AND DROPOUT RATES, IN ORDER TO DETERMINE WHAT LESSONS CAN BE LEARNED FROM THE EXPERIENCES OF DIFFERENT COUNTRIES. (BH)

VT 010 135
Larson, Milton E.; Crain, William
Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.

Colorado Research Coordinating Unit, Ft. Collins.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun69 27p.

DESCRIPTORS - *FACULTY RECRUITMENT; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *PERSONNEL NEEDS; *NATIONAL SURVEYS; TEACHER EDUCATION; EMPLOYMENT EXPERIENCE; PILOT PROJECTS; ADMINISTRATOR RESPONSIBILITY; *ADMINISTRATIVE PERSONNEL

ABSTRACT - To aid vocational-technical administrators in staff recruitment practices, data was gathered from a group of states and local districts displaying rapid growth in vocational-technical training. A select group of 12 states were chosen on the basis of their present growth over the 5-year period 1961 to 1966 as indicated in "Vocational Education: The Bridge Between Man and His Work" (available as ED 028 267 or VT 007 877, ARM Winter 1969). One local district was chosen for each state, half of these districts being kindergarten to grade 12 and half community college districts. Two questionnaires were developed, one to be sent to the State Departments of Vocational Education and the other to local districts. Eleven of the 12 questionnaires in each group were returned in time for the report. Some conclusions were: (1) A definite lack of organized recruitment practices for vocational-technical personnel exists, including a lack of inducement to attract persons from business and industry to enter the teaching field, (2) The shortage of qualified vocational-technical teachers does not appear to be great enough to hold back the establishment of new programs nor to cause many programs to

operate in an understaffed capacity, (3) Printed material appears to be the most successful type of media used for recruiting vocational-technical personnel, and (4) Business and industry were the most popular sources for recruiting vocational-technical personnel. (JK)

VT 010 136
Programs for Career Opportunities in Child Development.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Oct69 11p.

DESCRIPTORS - *OCCUPATIONAL HOME ECONOMICS; ADULT EDUCATION; SECONDARY EDUCATION; POST SECONDARY EDUCATION; *CAREER OPPORTUNITIES; *PROGRAM DESCRIPTIONS; EDUCATIONAL FACILITIES; *CHILD CARE OCCUPATIONS; SUCCESS FACTORS; PARENT EDUCATION; FINANCIAL SUPPORT; SERVICE OCCUPATIONS; ADVISORY COMMITTEES

ABSTRACT - To prepare students for child care occupations and to provide parent education, the public schools of Atlanta, Georgia, offer six 2-year secondary child development occupational programs, one 2-year postsecondary program, and several short-term adult education courses. The 2-year curriculum provides for class and laboratory experiences and includes courses in child care and guidance as well as related and general education courses. Coordinating the three-phase program is a child development specialist. Under her are the adult education teachers, who are part-time professional teachers with occupational experience in the child care field, and the high school and postsecondary teachers, who are certified home economics teachers with special preparation and experience in child care. Facilities include well-equipped child development laboratories, classrooms, and public and private day care centers and nursery schools. The Vocational Education Act is the primary source of funds, with additional funds coming from the Atlanta public schools and private agencies. The major success factor is that the program was established in relation to an expressed need. An active, functioning advisory committee also contributes to its success. (SB)

VT 010 241
National Policy of Apprenticeship for Machinist (Automatic Screw-Machines); A Guide for the Screw Machine Products Industry.

National Screw Machine Products Association, Cleveland, Ohio.
Manpower Administration (DOL), Washington, D.C. Bureau of Apprenticeship and Training
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L23.2:M18/5, $.20).
PUB DATE - 69 25p.

DESCRIPTORS - *APPRENTICESHIPS; *TRADE AND INDUSTRIAL EDUCATION; INPLANT PROGRAMS; INDUSTRIAL TRAINING; *NATIONAL ORGANIZATIONS; NATIONAL PROGRAMS; *ADMINISTRATIVE POLICY; *MACHINE TOOL OPERATORS
IDENTIFIERS - *NATIONAL SCREW MACHINE PRODUCTS ASSOCIATION

ABSTRACT - A recommended National policy of apprenticeship for machinists (automatic screw-machine) provides guidelines for establishing local programs of systematic and sound training for apprentices. Contents include: (1) Definitions, (2) Qualifications and Selection for Apprenticeship, (3) Term of Apprenticeship, (4) Probationary Period, (5) Work Processes, (6) Wages, (7) Credit for Previous Experience, (8) Hours of Work for Apprentices, (9) Related Information, (10) Examination of Apprentices, (11) Ratio, (12) Apprenticeship Agreement, (13) Supervision of Apprentices, (14) Certificate of Completion of Apprenticeship, (15) Official Approval, (16) Modification of National Policy, (17) Joint Apprenticeship Committee, and (18) Duties of the Joint Apprenticeship Committee. Various related forms, recommended assignments, and lists of Regional Apprenticeship Offices and State Apprenticeship Agencies are appended. (GR)

VT 010 323 ED 042 881
A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).

SAINT LOUIS BOARD OF EDUCATION, MO.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$6.58
PUB DATE - OCT 69 119P.

DESCRIPTORS - CURRICULUM DEVELOPMENT; *EDUCATIONAL OPPORTUNITIES; *INTEGRATED

CURRICULUM; *PROGRAM IMPROVEMENT; SECONDARY EDUCATION; *SURVEYS; TECHNICAL EDUCATION; *VOCATIONAL EDUCATION
IDENTIFIERS - *ELEMENTARY SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

ABSTRACT - THE ST. LOUIS BOARD OF EDUCATION FOUND THAT TOO FEW STUDENTS WERE WILLING TO TRANSFER TO THE CENTRALLY LOCATED O'FALLON TECHNICAL HIGH SCHOOL BECAUSE OF TIES WITH NEIGHBORHOOD SCHOOLS AND BECAUSE OF THE HIGH PERCENTAGE OF NEGRO STUDENTS ATTENDING O'FALLON. TO SOLVE THESE PROBLEMS THE BOARD RECEIVED A 3-YEAR TITLE III GRANT TO INSTITUTE A NEW APPROACH WHEREBY STUDENTS DIVIDED THEIR TIME EQUALLY BETWEEN THEIR NEIGHBORHOOD SCHOOL AND O'FALLON, AND A RACIAL BALANCE WAS ESTABLISHED AND MAINTAINED AMONG FRESHMEN ENTERING THE PROGRAM. STUDENTS OF ALL ABILITY LEVELS WERE RECRUITED, COURSE OFFERINGS WERE DIVERSIFIED, AND SPECIAL EMPHASIS WAS PLACED ON PROMOTING VOCATIONAL EDUCATION AT O'FALLON. BASED ON QUESTIONNAIRE AND ENROLLMENT DATA GATHERED TO SUMMARIZE AND EVALUATE THE NEW PROGRAM'S FIRST YEAR IT WAS FOUND THAT PROGRESS HAD BEEN MADE TOWARD ACHIEVING A BALANCED STUDENT POPULATION BASED ON RACE, CULTURE, AND ABILITY. IT WAS ALSO FOUND THAT WHILE SOME PROGRESS HAD BEEN MADE IN THE AREA OF VOCATIONAL GUIDANCE MUCH MORE NEEDED TO BE DONE. (JS)

VT 010 650 ED 042 887
GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.

FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.
EDRS PRICE MF-$0.65 HC-$3.29
BULLETIN-79L-3
PUB DATE - AUG 69 13P.

DESCRIPTORS - ADMINISTRATOR GUIDES; EDUCATIONAL FACILITIES; *ELECTRICAL OCCUPATIONS; *ELECTROMECHANICAL TECHNOLOGY; *HIGH SCHOOL CURRICULUM; *STATE STANDARDS; *TECHNICAL EDUCATION

ABSTRACT - EDUCATORS AND INDUSTRIAL REPRESENTATIVES DEVELOPED THESE GUIDELINES FOR SCHOOL OFFICIALS, INSTRUCTORS IN TECHNICAL EDUCATION, AND PROGRAM AND FACILITY PLANNERS TO USE IN PLANNING A HIGH SCHOOL PROGRAM IN TECHNICAL ELECTROMECHANICS. DESIGNED TO TRAIN STUDENTS FOR ENTRY INTO INDUSTRY IN APPLIED ELECTROMECHANICS, THE PROGRAM INCLUDES ELECTRICITY, BASIC ELECTRONICS, FUNDAMENTALS OF MECHANISMS AND APPROPRIATE GENERAL EDUCATION SUBJECTS. SUGGESTIONS ARE GIVEN FOR ORGANIZATION AND ADMINISTRATION AND FOR PHYSICAL FACILITIES AND EQUIPMENT. THE PROGRAM IS OUTLINED FOR GRADES 10-12, WITH COURSE DESCRIPTIONS OF THE TECHNICAL ELECTROMECHANICS COURSES. A JOB DESCRIPTION OF THE ELECTROMECHANICAL TECHNICAL AIDE IS INCLUDED. (DM)

VT 010 652
National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.

Manpower Administration (DOL), Washington, D.C. Bureau of Apprenticeship and Training.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan69 33p.

DESCRIPTORS - *APPRENTICESHIPS; *TRADE AND INDUSTRIAL EDUCATION; BUILDING TRADES; JOB TRAINING; *LABOR STANDARDS; LABOR LAWS; MASONRY; CONSTRUCTION (PROCESS); ASPHALTS; *NATIONAL ORGANIZATIONS; *BUILDING MATERIALS
IDENTIFIERS - *NATIONAL APPRENTICESHIP AND TRAINING STANDARDS

ABSTRACT - The revised national standards of cement mason apprenticeship programs, as found in this guide, were formulated with the assistance of the Bureau of Apprenticeship and Training for the purpose of providing a uniform outline of the training methods and practices. The six part guide includes: (1) General Provisions, (2) Joint Training Funds, (3) Federal Laws and Regulations Affecting Employment of Apprentices, (4) Work Experience and Training, (5) Sources of Related Instruction Materials, and (6) Apprenticeship Recordkeeping. A list of the State Apprenticeship Agencies and Regional Offices, Bureau of Apprenticeship and Training are appended. (GR)

VT 010 694
Training and Technology; TAT Industrial Conference Proceedings (Oak Ridge, Tenn., March 27-28, 1968).

Oak Ridge Associated Universities, Tenn.
Tennessee Univ., Knoxville.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Office of Education (DHEW), Washington, D.C.

Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
FD-50
PUB DATE - 8May68 25p.

DESCRIPTORS - *CONFERENCE REPORTS; *DEMONSTRATION PROJECTS; *TECHNICAL EDUCATION; *ADULT VOCATIONAL EDUCATION; *UNEMPLOYED
IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT; *TRAINING AND TECHNOLOGY INDUSTRIAL CONFERENCE, MARCH 27-28, 1968, OAK RIDGE, TENNESSEE

ABSTRACT - Seventy-seven persons attended a conference on the Training and Technology Project (TAT), on March 27-28, 1968 in Oak Ridge, Tennessee. Atomic Energy Commission contractors and other industrial and government representatives were given extensive information on the TAT project which trained the unemployed and underemployed for jobs as subprofessionals in technical fields. Excerpts from the opening address by S.R. Sapirie and from speeches by other participants about training needs and the Tennessee economy are included in the report. The conference program and a list of the participants and their organizations are appended. (BC)

VT 010 698
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).

Oak Ridge Associated Universities, Tenn.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Tennessee Univ., Knoxville.
Office of Education (DHEW), Washington, D.C.
Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
FD-25
PUB DATE - 30Mar67 26p.

DESCRIPTORS - *RECRUITMENT; *TRAINEES; *DEMONSTRATION PROJECTS; *SELECTION; *ADULT VOCATIONAL EDUCATION; TABLES (DATA); WELDERS
IDENTIFIERS - *TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The recruitment and selection process is described for a technical training program at the Atomic Energy Commission Oak Ridge Plant. A total of 1,200 applications were received through Youth Opportunity Centers and the Tennessee Department of Employment Security. The selection requirements were that the applicant have a high school diploma or an equivalency certificate and have some related experience in the skill areas. Around 170 trainees were selected of which 161 were men. The mean score of the trainees on the General Aptitude Test Battery was 107. Fifty-seven percent were economically disadvantaged when they applied, 25 were Negroes, and 144 had 1 year or more of paid employment. A recruitment flow chart is appended and a supplement on recruitment of welding trainees is included. A report on the worker training curriculum for the program is available as VT 010 740 (also in this issue). (BC)

VT 010 699
Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.

Oak Ridge Associated Universities, Tenn.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Tennessee Univ., Knoxville.
Department of Labor, Washington, D.C.
Office of Education (DHEW), Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
SP-19
PUB DATE - 18Sep67 23p.

DESCRIPTORS - *DEMONSTRATION PROJECTS; *ADULT VOCATIONAL EDUCATION; *SUBPROFESSIONALS; TABLES (DATA); *TECHNICAL EDUCATION; TRAINING; *JOB PLACEMENT; PROGRAM DEVELOPMENT; RECRUITMENT; STATISTICAL ANALYSIS
IDENTIFIERS - *TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The Industrial Skill and Technical Training Program was established to find ways to utilize industrial resources in training workers as subprofessionals, working together with educational institutions, governmental agencies, and labor unions. A total of 181 persons completed courses in six skill and technical fields during the

first 52-week training period. The technical training was in welding, mechanical technology and drafting, physical testing technology, glass fabrication, machining, and industrial electronics. Graduates of the program received 350 employment offers. Of the 118 trainees who accepted employment, there was an average annual increase of $3,600 in wages compared to the wages received prior to training. (BC)

VT 010 701
Training and Technology; Proceedings of Vocational Education and Industry Conference (Oak Ridge, Tenn., July 11-12, 1967).

Oak Ridge Associated Universities, Tenn.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Tennessee Univ., Knoxville.
Office of Education (DHEW), Washington, D.C.
Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 4Aug67 14p.

DESCRIPTORS - *CONFERENCE REPORTS; *VOCATIONAL EDUCATION; *COOPERATIVE PROGRAMS; *INDUSTRY; *LABOR UNIONS
IDENTIFIERS - *VOCATIONAL EDUCATION AND INDUSTRY CONFERENCE, JULY 11-12, 1967, OAK RIDGE, TENNESSEE

ABSTRACT - One hundred representatives from vocational education, industry, labor attended the Vocational Education and Industry Conference to discuss how the three groups could cooperate in providing realistic vocational training and to examine the Training and Technology Project (TAT), a cooperative project at the Atomic Energy Commission Plant at Oak Ridge, Tennessee. The participants concluded that industry needed workers who were thoroughly grounded in technical and academic subjects and that specialized skill training for a particular industry was best performed by the industry itself. Instruction should also be applicable to the current state of technology and to existing jobs. In addition vocational education should promote a public relations program to develop a better image. (BC)

VT 010 914
Whiting, Basil J.
Developing Our Wasted Human Resources.

Ford Foundation, New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Ford Foundation, Office of Reports, 320 East 43rd Street, New York, New York 10017.
PUB DATE - Jun69 23p.; Address delivered at the Annual Summer Manpower Research Inst. (3rd, Iowa State Univ., Ames, June 2-6, 1969).

DESCRIPTORS - *MANPOWER DEVELOPMENT; *FOUNDATION PROGRAMS; PRIVATE FINANCIAL SUPPORT; *VOCATIONAL EDUCATION; CURRICULUM DEVELOPMENT; *EDUCATIONALLY DISADVANTAGED; ADULT VOCATIONAL EDUCATION; FEDERAL PROGRAMS; *PROGRAM DEVELOPMENT; URBAN SLUMS; PROGRAM IMPROVEMENT

ABSTRACT - As the problems of the cities have worsened in recent years and racial tensions have increased, foundations have become increasingly involved with social and human resource problems. This booklet discusses the Ford Foundation's grants for manpower and vocational education programs from 1965 through early 1969. (BH)

VT 010 935
Directions '70, Summary of A Vocational Education Leadership Conference (Sacramento, Calif., Nov. 20-21, 1969).

California State Dept. of Education, Sacramento. Vocational Education Section
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 16p.

DESCRIPTORS - *CONFERENCE REPORTS; SPEECHES; *LEADERSHIP; *VOCATIONAL EDUCATION; *PROGRAM ADMINISTRATION; PROGRAM EVALUATION; PROGRAM PLANNING; RESEARCH COORDINATING UNITS; DISADVANTAGED GROUPS; HANDICAPPED; STATE LEGISLATION; VOCATIONAL EDUCATION TEACHERS; COMMUNITY COLLEGES; EDUCATIONAL PROGRAMS; RESEARCH PROJECTS
IDENTIFIERS - *VOCATIONAL EDUCATION LEADERSHIP CONFERENCE, SACRAMENTO, CALIFORNIA, NOVEMBER 20-21, 1969

ABSTRACT - In this summary of the proceedings of the vocational education leadership conference in Sacramento, California, topics discussed were: (1) state of the state for

1969, by W.P. Smith, (2) an analysis of components of an occupational program, by A.W. Smith, Jr., (3) purposes of the Research Coordinating Unit, by R.F. Barnes, (4) a proposed project on professional development, by D. Allen, (5) staffing and functions of the Program Design Unit, by E.D. Graf, (6) Assembly Bill 1820, by B. Greene, and (7) summary of the conference, by J.L. Goldsmith. Group sessions were held to: (1) identify and plan programs for disadvantaged students, (2) make program recommendations for handicapped persons, (3) explain selected parts of P.L. 90-576, (4) review the reporting system for fiscal 1969-70, (5) discuss needs and problems of high school vocational education leaders, (6) voice concerns of community college directors, and (7) describe the status of state regional occupation programs and centers. (SB)

VT 010 952
Wendt, A. David
A Principle in Time.

MF AVAILABLE IN VT-ERIC SET.
Society National Bank, 127 Public Square, Cleveland, Ohio 44114.
PUB DATE - 29Dec69 13p.; Speech presented at North-Central Business Education Association Annual Convention (December 29, 1969).

DESCRIPTORS - *VOCATIONAL EDUCATION; SPEECHES; SCHOOL INDUSTRY RELATIONSHIP; EDUCATIONAL OBJECTIVES; *EDUCATIONAL PROGRAMS; *EDUCATIONAL CHANGE; EMPLOYMENT STATISTICS; *JOB SKILLS; *MANPOWER NEEDS

ABSTRACT - The number of jobs not being filled each year is increasing as is the number of students graduating each year without marketable skills. Statistics reveal that many more students are in high school academic programs than actually go on to get a college degree, indicating that the majority of students need a balanced program of both vocational training and academic subjects. Students should be able to enter the labor market upon graduation from high school regardless of whether they are collegebound or workbound. To insure that a balanced program of education evolves, the world of work and the academic community must work together and place less emphasis on the college degree. (JS)

VT 010 983
Southeast Asian Regional Seminar on Manpower Development and Educational Planning. Final Report. (Bangkok (Thailand), September 4-9, 1967).

SEAMES (Thailand).
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep67 208p.

DESCRIPTORS - *RURAL DEVELOPMENT; *EDUCATIONAL PLANNING; *MANPOWER DEVELOPMENT; FOREIGN COUNTRIES; *NATIONAL PROGRAMS; *ILLITERATE ADULTS; INTERNATIONAL PROGRAMS; INTERNATIONAL ORGANIZATIONS; VOCATIONAL EDUCATION
IDENTIFIERS - *SOUTHEAST ASIA

ABSTRACT - The main theme of this seminar was educational planning for rural development in Southeast Asia. Using progress reports, talks, discussions, and a panel meeting, the participants sought to review the progress made by the participating countries in the planning of rural development, to discuss specific problems in educational planning within the context of rural development, and to study the establishment of the necessary machinery for regional cooperation in human resources development. The conferees agreed that although approaches to rural development differed greatly between the participating countries, their problems were quite similar. Several recommendations were made for increased interregional cooperation. (BH)

VT 010 987
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun68 85p.

DESCRIPTORS - *SEMINARS; *CONFERENCE REPORTS; *FOREIGN COUNTRIES; TECHNICAL EDUCATION; INDUSTRY; GOVERNMENT ROLE; *EDUCATIONAL PROGRAMS
IDENTIFIERS - *IRAN

ABSTRACT - A summary record of proceedings of a seminar, designed to set up effective machinery to help develop and maintain close tripartite contact between representatives

of government, education, and industry of Teheran, Iran, is the major focus of this document. The main objectives of the seminar were: (1) to provide a forum for a free and friendly exchange of ideas, (2) to explore approaches to effect greater coordination and cooperation between agencies, (3) to isolate and highlight the problems that arise in technical and vocational education and training, and (4) to seek the cooperation of national and international agencies in Iran. The three working papers presented to the 58 participants who were in the technician or middle level training groups, are given along with the summary record of each discussion group. (Not recommended for hard copy reproduction due to marginal print quality of original document.) (GR)

VT 010 988
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov67 94p.

DESCRIPTORS - *SEMINARS; *CONFERENCE REPORTS; INDUSTRY; TECHNICAL EDUCATION; *FOREIGN COUNTRIES; GOVERNMENT ROLE; *EDUCATIONAL PROGRAMS
IDENTIFIERS - *SINGAPORE

ABSTRACT - A summary record of proceedings of a seminar, designed to set up effective machinery to help develop and maintain close tripartite contact between representatives of government, education, and industry of Singapore, is the major focus of this document. The main objectives of the seminar were: (1) to provide a forum for a free and friendly exchange of ideas, (2) to explore approaches to effect greater coordination and cooperation between agencies, (3) to isolate and highlight the problems that arise in technical and vocational education and training, and (4) to seek the cooperation of national and international agencies in Singapore. Two working papers presented to the 46 participants and 24 observers are given along with a final statement. (Not recommended for hard copy reproduction due to marginal print quality of original document.) (GR)

VT 010 990
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Oct65 106p.

DESCRIPTORS - *SEMINARS; *CONFERENCE REPORTS; TECHNICAL EDUCATION; INDUSTRY; *FOREIGN COUNTRIES; GOVERNMENT ROLE; *EDUCATIONAL PROGRAMS
IDENTIFIERS - *THAILAND

ABSTRACT - A summary record of proceedings of a seminar, designed to set up effective machinery to help develop and maintain close tripartite contact between representatives of government, education, and industry of Bangkok, Thailand, is the major focus of this document. The main objectives of the seminar were: (1) to provide a forum for a free and friendly exchange of ideas, (2) to explore approaches to effect greater coordination and cooperation between agencies, (3) to isolate and highlight the problems that arise in technical and vocational education and training, and (4) to seek the cooperation of national and international agencies in Thailand. The seminar was limited to the fields of industry and engineering with 100 participants. The background paper along with the summary record of each discussion group is given. (Not recommended for hard copy reproduction due to marginal print quality of original document.) (GR)

VT 010 994 ED 043 730
LEE, ARTHUR M.
TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.

AMERICAN VOCATIONAL EDUCATION RESEARCH ASSOCIATION, WASHINGTON, D. C.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - MAR 70 16P.

DESCRIPTORS - *BUDGETING; EDUCATIONAL FINANCE; *EDUCATIONAL RESEARCH; *FEDERAL AID; *VOCATIONAL EDUCATION

ABSTRACT - THE PRESENT LEVEL OF FEDERAL SPENDING FOR SECONDARY VOCATIONAL STUDENTS IS

ROUGHLY $100 MILLION. HOWEVER, IN ORDER TO ACHIEVE VOCATIONAL EDUCATION'S GOALS REQUIRING A DOUBLING OF ENROLLMENT IN THE EARLY 1970'S, ANOTHER $100 MILLION IS NEEDED IN FEDERAL FUNDS. THIS IS ONLY $25 PER STUDENT, COMPARED TO $1,500 SPENT FOR EACH RETRAINED DROPOUT. THESE ADDITIONAL FUNDS WOULD BE USED MOST EFFICIENTLY IF RESEARCH FUNDS WERE APPROPRIATED RATHER THAN BEING PUT IN AS A LINE ITEM. THE RISKS INVOLVED IN RESEARCH ARE PREFERABLE TO THE CERTAIN WASTE OF MISGUIDED PLANNING. (BH)

VT 011 011
Citizenship Training for Vocational-Technical Education Students in Secondary Schools.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar66 14p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *PROGRAM CONTENT; SCHOOL ACTIVITIES; TEACHING; *CITIZENSHIP RESPONSIBILITY; *CIVIL LIBERTIES; GENERAL EDUCATION; *STUDENT PARTICIPATION; SECONDARY SCHOOLS; SOCIAL CHANGE

ABSTRACT - In addition to general education requirements such as social studies and history, vocational programs also can instill understanding of civil liberties and citizen responsibilities through: (1) committee organization of the shop, classroom, and laboratory, (2) management teams to maintain and control inventories, and (3) management and operation of a school store. Vocational students are taught the dignity of labor and respect for public and private property and many have the opportunity to work toward effecting social change within the school through identifying problems, proposing solutions, and putting a plan into operation. (JS)

VT 011 017
Survey of Federal Aviation Agency Approved Mechanic School Programs.

Pittsburgh Inst. of Aeronautics, Pa.
MF AVAILABLE IN VT-ERIC SET.
Pittsburgh Institute of Aeronautics, Box 10897, Pittsburgh, Pennsylvania 15236.
PUB DATE - 70 42p.

DESCRIPTORS - *NATIONAL SURVEYS; SCHOOL SURVEYS; TRADE AND INDUSTRIAL EDUCATION; QUESTIONNAIRES; *AVIATION MECHANICS; *TECHNICAL EDUCATION; *FEDERAL PROGRAMS
IDENTIFIERS - FEDERAL AVIATION AGENCY

ABSTRACT - Information included in this survey was concluded from 94 (83 percent) Federal Aviation Administration (FAA) Approved Mechanic School Programs within the United States. The two-fold purpose of the survey was to supply information to administrators and to the aviation industry in general, and to provide information which may result in a closer working relationship among the schools offering aviation maintenance training. Major topics presented in table form are: (1) Enrollment--degrees offered, enrollment periods, and number of students, (2) Facilities--instructors, aircraft, and program requirements, and (3) Financial information--registration fee, room and board cost, and total hours and months required. An index of institutions, statement of conclusion, FAA Certified Mechanic School Directory, By-laws of the Aviation Technician Education Council, and a copy of the 1969 Survey Form are included. (GR)

VT 011 018
Neal, C.E., Comp.
High School Aviation Aerospace Education Status Report.

Sanderson Films, Inc., Wichita, Kans. Aviation Visual Aids.
MF AVAILABLE IN VT-ERIC SET.
Sanderson-Times Mirror, 8065 East 40th Avenue, Denver, Colorado 80207 (no charge).
PUB DATE - 69 37p.

DESCRIPTORS - *SCHOOL SURVEYS; EDUCATIONAL RESEARCH; *PROGRAM EVALUATION; *HIGH SCHOOLS; *AVIATION TECHNOLOGY; *AEROSPACE TECHNOLOGY; EDUCATIONAL PROGRAMS; TEACHER CHARACTERISTICS; COURSE CONTENT; EDUCATIONAL PROBLEMS

ABSTRACT - To determine the status of aviation/aerospace education, questionnaires were mailed to every public and private high school in the United States that could be identified as conducting some form of aviation or aerospace education. A response from 222 schools, or axproximately 45-50 percent of existing programs, revealed these major findings: (1) Of the programs reported, 95 percent represent tax-supported, public high schools, (2) Of the schools responding, 93 percent are general academic institutions

and 7 percent are vocational-technical high schools, (3) Degrees held by the high school teachers include 57 percent with master's, 44 percent with bachelor's, and one percent with doctorates, but 3 percent do not possess a college degree, (4) Courses are offered predominantly to the upper grade levels, and a number of schools have minimum age, grade, prerequisite courses, and individual permission requirements, (5) In terms of course content, 36 percent of the teachers describe their program as a ground school, 41 percent as a general aviation course, and 16 percent as a combination, and (6) The major problem in the operation of these programs in money. Additional comments concerning the program and the study questionnaire are included. (SB)

VT 011 077
Health Manpower Annual Conference (Fourth, San Diego, California, October 3-4, 1969).

Health Manpower Council of Calif., Orinda.
MF AVAILABLE IN VT-ERIC SET.
Health Manpower Council of California, No. 1 Camino Sobrante, Orinda, California 94563 ($3.00).
PUB DATE - Oct69 72p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *CONFERENCE REPORTS; EDUCATIONAL PROBLEMS; STUDENT PROBLEMS; PROGRAM PLANNING; CERTIFICATION; DATA COLLECTION; RECRUITMENT; MENTAL HEALTH; *PROBLEM SOLVING; *PROGRAM IMPROVEMENT; *CHARTS

ABSTRACT - The major focus of this conference was in developing steps toward solving specified problems in health manpower. The opening presentation was made by R.C. Kuhli, "Education of Health Manpower for the 1970'S," who identified problem areas in health occupations education in need of attention. The 139 participants, representing several states, were divided into these discussion groups: (1) data collection and interpretation, (2) licensing, (3) educational planning, (4) continuing education, (5) student recruitment, screening, and placement, (6) utilization problems, and (7) mental health. Each group was given specific problems and were to identify who is working on the problems, solutions to the problems, who can solve the problems, and recommended steps toward solution. Some group recommendations were: (1) The Health Manpower Council of California should maintain a directory on the manpower resources available to California, (2) The Council should identify groups to develop and seek funds for new and innovative programs, (3) The community and state colleges should be used to a greater extent for continuing education, and (4) Government should be made more aware of the excessive cost of present systems. The work of the groups is charted. (SB)

VT 011 136 ED 043 732
IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).

DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION, BAVT.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - FEB 70 19P.

DESCRIPTORS - *DISADVANTAGED GROUPS; EDUCATIONAL FINANCE; EXPENDITURES; *FEDERAL LEGISLATION; *HANDICAPPED; LEADERSHIP RESPONSIBILITY; *PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; SERVICES; *VOCATIONAL EDUCATION
IDENTIFIERS - *VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - BASED ON EXPERIENCES AND RECOMMENDATIONS FROM VOCATIONAL EDUCATION PROGRAMS, THIS PUBLICATION CONTAINS SUGGESTIONS FOR STATE DEPARTMENT OF VOCATIONAL EDUCATION STAFF IN THEIR LEADERSHIP ROLES TO LOCAL EDUCATIONAL AGENCIES AND IN THEIR RELATIONSHIP WITH OTHER STATE INSTITUTIONS IN DEVELOPING SERVICES AND PROGRAMS FOR THE DISADVANTAGED AND HANDICAPPED UNDER THE VOCATIONAL EDUCATION AMENDMENTS OF 1968. DEFINITIONS, CHARACTERISTICS, USES OF FEDERAL FUNDS, AREAS TO BE SERVED, COOPERATING PERSONS AND ORGANIZATIONS, AND EFFECTIVE SERVICES AND PROGRAM COMPONENTS ARE INCLUDED FOR BOTH GROUPS. (SB)

VT 011 168
Membership Directory of Accredited Private Trade and Technical Schools, 1969-70.

National Association of Trade and Technical Schools, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 43p.

DESCRIPTORS - *DIRECTORIES; *TRADE AND INDUSTRIAL EDUCATION; *TECHNICAL EDUCATION; *PRIVATE SCHOOLS; *ACCREDITATION (INSTITUTIONS)
IDENTIFIERS - NATIONAL ASSOCIATION OF TRADE AND TECHNICAL SCHOOLS

ABSTRACT - The National Association of Trade and Technical Schools is a voluntary organization of accredited private residence schools offering job-oriented specialty training in trade and technical occupations. Member schools are listed first by subject taught, and second by geographic location. A total of 31 states have accredited institutions. For each state, schools are listed alphabetically by name, with the address, president, telephone number, date of founding, special approvals and usage of the school by public and governmental agencies also given. Course offerings, and the length in weeks normally required to complete each course on a full-time or part-time basis are listed under each school heading. Accreditation procedures are outlined. (CD)

VT 011 193 ED 043 734
INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
PUBLICATION SALES, AMERICAN VOCATIONAL ASSOCIATION, 1510 H STREET, N.W., WASHINGTON, D.C. 20005 (ORDER NUMBER 30570, $1.50 FOR SINGLE COPIES).
PUB DATE - MAY 70 36P.

DESCRIPTORS - COLLEGE PROGRAMS; *COURSE CONTENT; *EDUCATIONAL INNOVATION; ELEMENTARY GRADES; *INDUSTRIAL ARTS; INSTRUCTIONAL INNOVATION; *PROGRAM DESCRIPTIONS; RESEARCH; SECONDARY GRADES
IDENTIFIERS - *INNOVATIONS

ABSTRACT - DEVELOPED BY THE PUBLICATIONS COMMITTEE OF THE INDUSTRIAL ARTS DIVISION OF THE AMERICAN VOCATIONAL ASSOCIATION, THIS DOCUMENT DESCRIBES INNOVATIVE INDUSTRIAL ARTS PROGRAMS THAT ARE CURRENTLY UNDER OPERATION AND SHOW PROMISE FOR FUTURE DEVELOPMENT OR IMPROVEMENT. THE PROGRAMS SUMMARIZED IN THIS BULLETIN WERE SELECTED BY THE COMMITTEE FOR INCLUSION BECAUSE THEY APPEARED TO BE OPERATING SUCCESSFULLY UNDER CERTAIN CONDITIONS IN THE VARIOUS EDUCATIONAL LEVELS OF: (1) ELEMENTARY AND SECONDARY EDUCATION, (2) SPECIAL EDUCATION, AND (3) COLLEGE AND IN-SERVICE EDUCATION. A FULL LISTING OF PROGRAM TITLES, THE SCHOOLS, AGENCIES OR AREAS INVOLVED, AND THE PERSONS REPORTING IS GIVEN. (GR)

VT 011 229 ED 040 292
COLEMAN, ARTHUR D.
SELECTED HEALTH SERVICE OCCUPATIONS.

UTAH STATE DEPT. OF EMPLOYMENT SECURITY, SALT LAKE CITY.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - MAY 66 81P.

DESCRIPTORS - EMPLOYMENT OPPORTUNITIES; EMPLOYMENT QUALIFICATIONS; *EMPLOYMENT SERVICES; *HEALTH OCCUPATIONS; JOB SKILLS; *MEDICAL SERVICES; *OCCUPATIONAL INFORMATION
IDENTIFIERS - *UTAH

ABSTRACT - PREPARED BY AN OCCUPATIONAL ANALYST OF THE UTAH DEPARTMENT OF EMPLOYMENT SECURITY, THIS MANUAL PROVIDES JOB GUIDES FOR 39 HEALTH SERVICE OCCUPATIONS CONCERNED MAINLY WITH DOCTORS, NURSES, AND RELATED HOSPITAL-MEDICAL-HEALTH CONSULTANTS AND SERVICES. CLASSIFIED ACCORDING TO "THE DICTIONARY OF OCCUPATIONAL TITLES," EACH OCCUPATIONAL DESCRIPTION CONTAINS: (1) NATURE OF THE WORK AND JOB DUTIES, (2) EMPLOYMENT LOCATIONS, (3) EDUCATIONAL AND TRAINING REQUIREMENTS, (4) SALARY, (5) REQUIRED PERSONAL CHARACTERISTICS AND PHYSICAL ACTIVITIES, (6) EMPLOYMENT OUTLOOK, AND (7) SOURCES OF ADDITIONAL OCCUPATIONAL INFORMATION. MANAGERS AND ADDRESSES ARE LISTED FOR LOCAL EMPLOYMENT SERVICE OFFICES. (SB)

VT 011 259
Ward, Joseph S., And Others
Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen (MOS 91A10). Technical Report 70-1.

George Washington Univ., Alexandria, Va. Human Resources Research Office.
Department of the Army, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan70 88p.

DESCRIPTORS - *MEDICAL RESEARCH; *ENLISTED MEN; *MILITARY ORGANIZATIONS; *MILITARY PERSONNEL; *MILITARY TRAINING; RESEARCH PROJECTS; QUESTIONNAIRES; TRAINING TECHNIQUES

ABSTRACT - To develop and evaluate the effectiveness of a unified sequence of instruction for conscientious objectors being trained as Medical Corpsmen, this study

was undertaken by the Human Resources Research Organization at the request of the U.S. Continental Army Command. A job activities questionnaire was developed and administered to recent Vietnam returnees and to selected hospital and dispensary personnel, and the program was evaluated by comparing it with the regular existing programs. The results indicated that the experimental program produced substantial increases in trainee effectiveness. On measures of performance of medical corpsman skills, the experimentally trained group performed better than those conventionally trained. On other measures the groups performed about equally well. (GB)

VT 011 325
Lefkoe, M.R.
The Crisis in Construction; There Is an Answer.

Bureau of National Affairs, Inc., Washington, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.
The Bureau of National Affairs, Inc., 1231 25th Street, N.W., Washington, D.C. 20037 ($12.50).
PUB DATE - 70 197p.

DESCRIPTORS - *EMPLOYER EMPLOYEE RELATIONSHIP; *CONSTRUCTION INDUSTRY; *LABOR PROBLEMS; *INDUSTRIAL RELATIONS; UNIONS; BIBLIOGRAPHIC CITATIONS; *MANPOWER UTILIZATION; ECONOMIC RESEARCH

ABSTRACT - Identifying the major causes of labor-related problems in the construction industry and recommending solutions, this report deals with issues that are relevant to all branches of the construction industry. The chief problems are shortage of skilled manpower, excessive absenteeism and turnover, rapidly increasing wage rates and fringe benefits, overtime guarantees, the loss of management control that has resulted from union jurisdictional rules, unethical union practices, and laws and regulations of the Federal Government. The recommendations are: (1) The definition of construction activity should be changed and the functions of contractors should be expanded to include off-site as well as on-site activities, (2) Contractors should assume the responsibility for obtaining and training their own manpower, and not rely on unions for their manpower supply, and (3) A Construction Industry Action Organization should be established to attack those problems that cannot be solved by individual contractors and to seek changes in restrictive government laws, codes, and regulations. (AUTHOR/GB)

VT 011 364
A Plan for Career Development in the Public Schools of the District of Columbia. Task Force Report on Vocational Education.

District of Columbia Board of Education, Washington.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - MAY69 47p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *PROGRAM PLANNING; CONCEPTUAL SCHEMES; *EDUCATIONAL PROGRAMS; *CAREER PLANNING; ELEMENTARY GRADES; SECONDARY GRADES; *EDUCATIONAL PLANNING; CURRICULUM DEVELOPMENT; INSTRUCTIONAL STAFF

ABSTRACT - To design a plan for implementing recommendations for vocationally oriented programs at all educational levels and specialized vocational training directed towards specific career objectives, an 18-member task force reviewed recommendations from several studies, conferred with vocational education specialists and school administrators, and conducted a public opinion survey among students, teachers, and the community. Major task force recommendations were: (1) Design a sequential pattern of career development for all levels which is closely related to the world of work and continuing education institutions, (2) Institute a 5-year plan of curriculum and staff development for implementing the career development program, and (3) Secure funds and initiate planning for constructing a career development center. Conceptual schemes are provided for career foundations at the elementary level, the career cluster concept, career survey at the junior high level, and career exploration and preparation at the senior high level. (SB)

VT 011 372
School to Employment Program. Project Step Report--1968-1969.

New York State Education Dept., Albany. Div. of Pupil Personnel Services.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb70 12p.

DESCRIPTORS - *WORK STUDY PROGRAMS; VOCATIONAL EDUCATION; *DROPOUT PREVENTION; *POTENTIAL DROPOUTS; WORK EXPERIENCE PROGRAMS; STATE PROGRAMS; *SCHOOL HOLDING POWER;

*PROGRAM DESCRIPTIONS; HIGH SCHOOL STUDENTS; HIGH SCHOOLS; ATTITUDES
IDENTIFIERS - NEW YORK; *SCHOOL TO EMPLOYMENT PROGRAM; STEP

ABSTRACT - This project report describes the eighth year of New York's School to Employment Program (STEP), a work-study program in which pupils spend half the day in school and the other half in supervised employment. STEP is designed to keep the potential school dropout in school by changing his attitudes, and to improve his ability to perform successfully at a job in case he does leave school. The report describes program size and expenditures, as well as school holding power and pupil characteristics. Both successes and failures of the program are examined. A related document is available as VT 006 865 (ARM Spring 1969). (BH)

VT 011 383
The Construction Industry: Selected References, 1960-1969. Current Bibliographies No. 2.

Department of Labor, Washington, D.C. Library.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar70 14p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *CONSTRUCTION INDUSTRY; *TRADE AND INDUSTRIAL EDUCATION; *RESOURCE MATERIALS; APPRENTICESHIPS; ECONOMICS; MANPOWER DEVELOPMENT; EMPLOYMENT; INDUSTRIAL RELATIONS; PERIODICALS; WAGES

ABSTRACT - This bibliography containing selected references of the construction industry from 1960-1969 was prepared by the library of the United States Department of Labor. Contents are listed alphabetically by author under the following subjects: (1) Economic Aspects, (2) General, (3) Manpower, (4) Apprenticeship and Training, (5) Minorities, (6) The Philadelphia Plan, (7) Employment, (8) Seasonality, (9) Wages and Hours, (10) Industrial Relations Aspects, and (11) Periodicals. (GB)

VT 011 390
A Report of the Enrollment of Apprentices in Related Technical Classes in California Public Schools.

California State Dept. of Education, Sacramento. Bureau of Industrial Education.
MF AVAILABLE IN VT-ERIC SET.
California State Department of Education, Fiscal Office--Order Section, 721 Capitol Mall, Sacramento, California 95814.
PUB DATE - Jan70 24p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *APPRENTICESHIPS; *PUBLIC SCHOOLS; *ON THE JOB TRAINING; *ENROLLMENT; INDUSTRIAL TRAINING; INDUSTRIAL EDUCATION; TRAINEES

ABSTRACT - Summarizing the instruction related to practical on-the-job training received by employed apprentices in their various industrial jobs while enrolled in the public schools of California, this report was prepared by the Bureau of Industrial Education, California State Department of Education. The schools were providing instruction for 20,864 apprentices in 1,085 classes related to 64 trades during the final week of October, 1969. These data do not reflect the total enrollment during the entire school year as completions and initial enrollments varied according to conditions and local policies. Appended are reports of penal and correctional institution participation and a listing of apprentice instructional materials. (GB)

VT 011 408
Cizon, Francis A.; Smith, William H.T.
Some Guidelines for Successful Police-Community Relations Training Programs.

Department of Justice, Washington, D.C. Law Enforcement Assistance.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 51p.

DESCRIPTORS - *PROGRAM EVALUATION; *GUIDELINES; *PROGRAM DEVELOPMENT; *POLICE COMMUNITY RELATIONSHIP; *EDUCATIONAL PROGRAMS; PROGRAM ADMINISTRATIO; EDUCATIONAL FACILITIES; INSTRUCTIONAL STAFF; PROGRAM DESIGN; PROGRAM CONTENT; COMMUNITY INVOLVEMENT

ABSTRACT - To aid police-training officials in developing skills and attitudes needed to make the police meaningful and respected participants in their communities, a review was made of urban police-community relations training projects supported by the Office of Law Enforcement Assistance. Section I discusses police-community relations, stressing that sensitivity of police to community relations training programs and negative reactions to these programs demand that careful consideration be given to the

design, format, and educative process of new programs. Section II examines three completed programs in Washington, D.C., New Orleans, Louisiana, and Newark, New Jersey, on the basis of program purpose, design, participants, administration, instructional facilities, content, preprogram preparation, relationship of program to remainder of police department's efforts, instructional staffs, response to program, community impressions, and over-all observations. Section III offers suggestions and recommendations for the development and implementation of other programs. (SB)

VT 011 410
New Strategies for Vocational-Technical Education in Urban America, A Report of a National Taskforce.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 15p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *URBAN SCHOOLS; URBAN AREAS; *EDUCATIONAL STRATEGIES; *PROGRAM DEVELOPMENT; COMMUNITY SERVICES

ABSTRACT - An 18-member national task force was appointed to explore new strategies for vocational-technical education in urban America. Accomplishments of the task force include: (1) developing a packet of materials which outlines strategies to improve vocational-technical education in metropolitan areas, (2) working closely with the Texas Education Agency in developing a continuing program to prepare workers for the construction industry, with the Model Cities Program, and with the Construction Industry Council of Texas in the new and emerging project, Environmental Technology, and (3) holding a regional meeting which explored inxlementation of the Vocational Education Amendments of 1968. Some future developments include conducting at least two additional meetings at the regional-state level, synthesizing actions in multiple institutes that affect vocational-technical education, and preparing a handbook to help urban school administrators. (SB)

VT 011 435
Kim, Millicent
New Patterns of Health Care: The Physician's Assistant.

Hawaii Univ., Honolulu. Legislative Reference Bureau.
MF AVAILABLE IN VT-ERIC SET.
Report No. 2
Legislative Reference Bureau, University of Hawaii, Honolulu, Hawaii 96822 ($2.00).
PUB DATE - 70 91p.

DESCRIPTORS - *HEALTH OCCUPATIONS; APPRENTICESHIPS; *MANPOWER DEVELOPMENT; *EDUCATIONAL PROGRAMS; TRAINEES; *OCCUPATIONAL SURVEYS; MANPOWER NEEDS; JOB TRAINING; *PROGRAM DEVELOPMENT
IDENTIFIERS - *PHYSICIAN ASSISTANT; HAWAII

ABSTRACT - To inform the Hawaii State Legislature on the development of the physician's assistant concept, data were obtained from available literature, correspondence with several medical schools and public health programs, a telephone survey to assess training programs for health service occupations, and extensive interviews with persons in the health field. The physician's assistant, a person especially trained to assume certain functions ordinarily performed by a physician, is a relatively recent development in the United States. In addition to educational programs, there have been various demonstration projects and evaluation studies to explore and test the workability, acceptance, benefits, and problems of the physician's assistant role. Two major types of assistants are the assistant for general medical practice and the assistant for maternal and child care. Major sources of trainees have been registered professional nurses and ex-military corpsmen. Though wide diversity exists in training programs, all programs include an extended period under an apprentice-like arrangement. Suggestions are given for governmental regulation of the physician assistant program. (SB)

VT 011 439 ED 043 736
BOWLER, EARL M., COMP.
EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.

DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION, BAVT.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - MAR 70 7P.

DESCRIPTORS - BUILDING TRADES; *CONSTRUCTION COSTS; *CONSTRUCTION INDUSTRY; *CONSTRUCTION NEEDS; *VOCATIONAL EDUCATION

ABSTRACT - AMERICA'S $100 BILLION CONSTRUCTION INDUSTRY WITH ITS 3 MILLION WORKERS DOES NOT NEED HARASSMENT, UNWARRANTED INTERFERENCE, OR POLITICAL DENOUNCIATION; IT DOES NEED BETTER ACCESS TO MORTGAGE MONEY, LESS COSTLY MATERIALS AT MORE STABLE PRICES, AN END TO ARCHAIC REGULATIONS THAT HAMPER PRODUCTIVITY, MORE DYNAMIC MANAGEMENT, AND--MOST OF ALL--MORE TRAINED WORKERS. THE ACTIONS OUTLINED IN THIS STATEMENT, TOGETHER WITH THE LEGISLATION TO BE SUBMITTED TO THE CONGRESS BY THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, ARE DESIGNED TO MEET THOSE INDUSTRY NEEDS. CONSTRUCTION COSTS ARE NOT THE "FAULT" OF ANY ONE GROUP; THEY ARE THE RESULT OF A SYSTEM THAT URGENTLY NEEDS REFORM AND MODERNIZATION. WE MUST TAKE CARE, IN MAKING THOSE REFORMS, TO TREAT FUNDAMENTALS RATHER THAN SYMPTOMS, ESSENTIALLY TO BRING THE SUPPLY AND DEMAND OF LABOR, MONEY AND MATERIALS INTO BETTER BALANCE. THAT IS THE ONLY CONSTRUCTIVE WAY TO STOP THE SPIRAL OF CONSTRUCTION COSTS. IN SO DOING, WE CAN SIMULTANEOUSLY MEET TWO OF THE NATION'S MOST PRESSING NEEDS: THE NEED TO OPEN UP NEW JOB OPPORTUNITIES FOR MILLIONS OF WORKING MEN AND WOMEN, AND THE NEED TO PROVIDE ADEQUATE SHELTER FOR EVERYONE. (AUTHOR)

VT 011 451 ED 043 737
BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.

AGENCY FOR INTERNATIONAL DEVELOPMENT (DEPT. OF STATE), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$9.87
PUB DATE - SEP 68 232P.

DESCRIPTORS - *AGRICULTURAL RESEARCH PROJECTS; *DEVELOPING NATIONS; DEVELOPMENTAL PROGRAMS; *EDUCATIONAL DEVELOPMENT; EDUCATIONAL PROGRAMS; FOREIGN RELATIONS; INTERNATIONAL EDUCATION; *INTERNATIONAL PROGRAMS; LAND GRANT UNIVERSITIES; RURAL DEVELOPMENT; *TECHNICAL ASSISTANCE

ABSTRACT - TO ANALYZE THE ACCOMPLISHMENTS UNDER CONTRACTS BETWEEN THE AGENCY FOR INTERNATIONAL DEVELOPMENT (AID) AND U.S. LAND GRANT UNIVERSITIES FOR TECHNICAL ASSISTANCE ABROAD IN THE DEVELOPMENT OF EDUCATIONAL AND RESEARCH INSTITUTIONS IN AGRICULTURE AND RELATED FIELDS, THE COMMITTEE ON INSTITUTIONAL COOPERATION (CIC) COLLECTED DATA FROM THE HOME CAMPUS OF EACH U.S. UNIVERSITY, AID MISSION, AND HOST UNIVERSITY AND COUNTRY. ALTHOUGH THERE ARE WIDE VARIATIONS IN EFFECTIVENESS OF VARIOUS PROJECTS, THE PROGRAM HAS MADE IMPORTANT CONTRIBUTIONS ABROAD AT COMPARATIVELY SMALL COSTS TO THE UNITED STATES IN MONEY, MANPOWER, AND INTERRUPTION OF DOMESTIC PROGRAMS. RECOMMENDATIONS FOR IMPROVING, CONTINUING, AND EXPANDING ARE: (1) MAKE A STRONGER COMMITMENT FOR BUILDING INSTITUTIONS, (2) DEVELOP MORE FLEXIBLE PROJECT AGREEMENTS, (3) INCREASE RESEARCH AND UTILIZE KNOWLEDGE ON THE INSTITUTION BUILDING PROCESS, (4) EMPLOY BASIC IDEAS OF LAND GRANT TYPE INSTITUTIONS, (5) STRENGTHEN GOALS AND COMMITMENTS, (6) CHANGE ASPECTS OF TECHNICAL ASSISTANCE, (7) CHANGE ORIENTATION PROGRAMS, (8) UPGRADE PARTICIPANT TRAINING, (9) DEVELOP A FULLER PUBLIC UNDERSTANDING OF INTERNATIONAL TECHNICAL ASSISTANCE, AND (10) STRENGTHEN INTERNATIONAL CAPABILITIES OF U.S. UNIVERSITIES. A BIBLIOGRAPHY OF RESEARCH REPORTS DEVELOPED BY THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT IS APPENDED. (GB)

VT 011 469 ED 042 903
FEARN, ROBERT M.
LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-2-7-070348-2698 08
BR-7-0348
PUB DATE - 69 114P.

DESCRIPTORS - *BUDGETING; *COMMUNITY COLLEGES; *CURRICULUM DEVELOPMENT; HYPOTHESIS TESTING; LABOR ECONOMICS; *LABOR MARKET; QUESTIONNAIRES; STATISTICAL SURVEYS; TECHNICAL INSTITUTES; *VOCATIONAL EDUCATION

ABSTRACT - ALTHOUGH THE MAJOR FACTORS DETERMINING CURRICULUM MIX ARE KNOWN, LITTLE HAS BEEN DONE TO MEASURE THE RELATIVE IMPORTANCE OF EACH FACTOR. USING THE DATA GATHERED BY QUESTIONNAIRE FROM NORTH CAROLINA COMMUNITY COLLEGES AND TECHNICAL INSTITUTES, THIS STUDY TESTED THE HYPOTHESES THAT LOCAL LABOR MARKET STRUCTURES INFLUENCE CURRICULAR OFFERINGS, AND THAT BUDGETARY ALLOCATION PROCEDURES WITHIN THE EDUCATIONAL SYSTEM CREATE INTERNAL MONETARY INCENTIVES WHICH AFFECT CURRICULAR OFFERINGS. LEAST SQUARES REGRESSION ANALYSIS INDICATED THAT CURRICULAR OFFERINGS WERE POSITIVELY RELATED TO ABSOLUTE SIZE OF THE "USING" INDUSTRY BUT NEGATIVELY RELATED TO ITS RELATIVE SIZE. DATA RECEIVED FROM THE NORTH CAROLINA DEPARTMENT OF COMMUNITY COLLEGES CONFIRMED THE SECOND

HYPOTHESIS, THAT CURRICULUM MIX IS AFFECTED BY THE LOCAL ADMINISTRATORS' BUDGETARY ALLOCATIONS. THIS CAN RESULT IN A DRIFT IN CURRICULUM AWAY FROM OPTIMALITY TOWARD A POSITION MORE "PROFITABLE" TO THE LOCAL ADMINISTRATOR IN TERMS OF BUDGETARY CONSIDERATIONS. (BH)

VT 011 473 ED 043 738
RESNICK, HAROLD S.
THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 315P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; *FLEXIBLE SCHEDULING; *INDUSTRIAL EDUCATION; *NATIONAL SURVEYS; *SCHEDULE MODULES; SECONDARY SCHOOLS
IDENTIFIERS - *FLEXIBLE MODULAR SCHEDULING

ABSTRACT - TO PROVIDE A GUIDE FOR IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION, THIS STUDY EXAMINED THE INDUSTRIAL EDUCATION DEPARTMENTS OF SCHOOLS UTILIZING THE SCHEDULING AND DETERMINED THE ADMINISTRATIVE AND INSTRUCTIONAL PROCEDURES EMPLOYED BY THEM. THE FOLLOWING CONCLUSIONS AND RECOMMENDATIONS WERE BASED ON 64 (83.1 PERCENT) RETURNED INSTRUMENTS: (1) FORMAL ARRANGEMENT FOR INDUSTRIAL EDUCATION EXISTED EVEN THOUGH THE SCHOOL WAS EXPERIMENTING WITH AN INNOVATIVE PROGRAM, (2) LARGE GROUP INSTRUCTION WAS USED BY ALMOST 50 PERCENT OF THE SCHOOLS, PRIMARILY AS A ONE-TEACHER PRESENTATION, (3) STRUCTURED LABORATORY SECTIONS HAVE BEEN REDUCED FROM 5 HOURS TO APPROXIMATELY 2 HOURS PER WEEK, AND GENERALLY FOLLOW THE SAME PATTERN AS TRADITIONAL LABORATORY ACTIVITIES, (4) MOST SCHOOLS ALLOCATE TO THEIR STUDENTS APPROXIMATELY 40 PERCENT UNSCHEDULED TIME, (5) STUDENT HONOR SYSTEM IS USED IN RESPECT TO SAFETY, CLEAN-UP, TOOL USAGE, AND ATTENDANCE DURING OPEN LAB MODS, (6) THERE IS A LACK OF ADEQUATE PARAPROFESSIONAL SUPPORT AND DIFFERENTIATED STAFFING PATTERNS, (7) VERY FEW SCHOOLS HAVE A RESOURCE CENTER, AND (8) A GENERAL PATTERN INCLUDES ONE LARGE GROUP MEETING PER WEEK, TWO STRUCTURED LABS AND THE USE OF OPEN LABS. THIS ED.D. THESIS WAS SUBMITTED TO WAYNE STATE UNIVERSITY. (GR)

VT 011 539 ED 042 907
BELITSKY, A. HARVEY
PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.

UPJOHN (W.E.) INST. FOR EMPLOYMENT RESEARCH, KALAMAZOO, MICH.
EDRS PRICE MF-$0.65 HC-$3.29
THE W.E. UPJOHN INSTITUTE, 1101 SEVENTEENTH STREET, N.W., WASHINGTON, D.C. 20036 (SINGLE COPIES AVAILABLE WITHOUT CHARGE)
PUB DATE - JUN 70 34P.

DESCRIPTORS - EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; EDUCATIONAL STATUS COMPARISON; *POST SECONDARY EDUCATION; *PRIVATE SCHOOLS; STUDENT LOAN PROGRAMS; STUDENT NEEDS; *VOCATIONAL EDUCATION

ABSTRACT - TWO CONDITIONS MAKE THE FUTURE OF PRIVATE VOCATIONAL SCHOOLS LOOK BRIGHT. FIRST, ONLY ABOUT ONE-FOURTH OF ALL HIGH SCHOOL STUDENTS ARE CURRENTLY ENROLLED IN VOCATIONAL PROGRAMS, AND SECOND, IT IS ESTIMATED THAT MORE THAN THREE-FOURTHS OF ALL STUDENTS COULD BENEFIT FROM SUCH PROGRAMS. A RECENT STUDY REVEALED A TOTAL OF 7,000 PRIVATE, PROFIT-MAKING SCHOOLS WERE SERVING AN ESTIMATED 1.5 MILLION STUDENTS, MEETING THE NEEDS OF STUDENTS THROUGH THEIR DIVERSIFICATION OF PROGRAMS AND THEIR HIGHLY SPECIALIZED STAFF. IN PRIVATE VOCATIONAL SCHOOLS THE EVALUATIONS ARE USUALLY MADE BY PRIVATE ACCREDITING ORGANIZATIONS; STUDENT FAILURE MEANS TEACHER FAILURE, AND THE DROPOUT RATE IS USUALLY LOWER THAN THAT OF HIGH SCHOOLS AND COLLEGES. THE USEFULNESS OF THE PRIVATE SCHOOLS WOULD BE ENHANCED BY CONGRESSIONAL RECOMMENDATION FOR USE OF THE SCHOOLS UNDER PROVISIONS OF THE VOCATIONAL EDUCATION ACT LEADING TO JOINT VENTURES WITH PUBLIC HIGH SCHOOLS, AND BY A GOVERNMENT-SPONSORED LOAN-GRANT PROGRAM ENABLING MORE STUDENTS TO ATTEND THESE PRIVATE SCHOOLS. (JS)

VT 011 540 ED 042 908
BICE, GARRY R.
THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-3-7-000158-2037 08
BR-7-0158
PUB DATE - AUG 70 85P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *BEHAVIOR CHANGE; *BEHAVIOR PATTERNS; *CHANGE AGENTS; EDUCATIONAL INNOVATION; OPINIONS; STATISTICAL DATA; *VOCATIONAL EDUCATION

ABSTRACT - TO GAIN INSIGHT INTO A LEADER'S ABILITY TO EFFECT CHANGE BY INFLUENCING GROUP PEERS THIS STUDY SOUGHT TO IDENTIFY STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR CHARACTERISTICS OF THE SCHOOL SYSTEMS IN WHICH OPINION LEADERS AND ISOLATES WORK, AS THEY RELATE TO A CHANGE STRATEGY FOR VOCATIONAL-TECHNICAL EDUCATION. BASED ON QUESTIONNAIRE DATA COLLECTED FROM A RANDOM SAMPLE OF 57 VOCATIONAL AGRICULTURE TEACHERS, THE STUDY REVEALED THAT THE SUCCESS OF AN OPINION LEADER IS RELATED TO THE DEFINITION OF THE PEER GROUP AND TO THE SCHOOL IN WHICH HE TEACHES. (JS)

VT 011 543
Building Trades, Skopje, Yugoslavia Training Centre.

International Labour Organisation, Geneva (Switzerland)
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 57p.

DESCRIPTORS - *INTERNATIONAL ORGANIZATIONS; *INTERNATIONAL PROGRAMS; *JOB TRAINING; *CONSTRUCTION INDUSTRY; *CONSTRUCTION PROGRAMS; REPAIR; MAINTENANCE; BUILDING TRADES; TEACHING METHODS

ABSTRACT - After the 1963 earthquake the International Labor Organisation collaborated with the Government of Yugoslavia in the establishment and initial operation of a center for training building construction personnel to reconstruct Skopje. The Center is the first vocational school ever established there, and is intended to improve standards of trade instructors, foremen, and skilled workers, which will raise the efficiency of construction, production, maintenance and repair operations. The program provides training in areas of: (1) assembly of prefabricated buildings, (2) operation, maintenance, and repair of building machinery, (3) plumbing, heating, and sanitary installations, (4) electrical installations, (5) carpentry and floor laying, (6) brick and masonry, and (7) methods and techniques of instructing. The 3-year project has been successful in fulfilling its broad objectives. (GB)

VT 011 552
Vermeulen, Robert
Lincoln Skills Center; The Story of Its Struggles and Successes.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.
MF AVAILABLE IN VT-ERIC SET.
W.E. Upjohn Institute for Employment Research, 300 South Westnedge Avenue, Kalamazoo, Michigan 49007 ($.25).
PUB DATE - Dec69 34p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *PROGRAM PLANNING; PROGRAM IMPROVEMENT; JOB PLACEMENT; *SKILL CENTERS

ABSTRACT - The Lincoln Skills Center encountered typical problems during its initial approval and funding stages, but was finally underway in September 1967, working to make trainees more employable. This study of the Center and its problems found that: (1) the basic education program was beneficial to those who had attained a sixth-grade education, (2) most trainees benefited from vocational education, (3) the dropout rate was lower than the national average, and (4) employers were willing to hire the graduates. Major recommendations of this review were that funding of this type of program should continue, however, adequate planning time should be allowed for future programs, and special efforts should be made to recruit trainees. The complete study on which this report is based is available from University Microfilms, Ann Arbor, Michigan 48106. (JS)

VT 011 553
Adair, Kent T.
Supervision in the Missouri Wood Products Industry. Research Bulletin 968.

Missouri Agricultural Experiment Station, Columbia.
Department of Agriculture, Carbondale, Ill. North Central Forest Experiment Station
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep69 39p.

DESCRIPTORS - *LUMBER INDUSTRY; *MANAGEMENT EDUCATION; MANAGEMENT DEVELOPMENT; LEADERSHIP TRAINING; INTERVIEWS; *ADMINISTRATIVE PERSONNEL; SURVEYS; *SUPERVISOR QUALIFICATIONS; *ADMINISTRATIVE PROBLEMS

ABSTRACT - Major supervisory problems of the Missouri woods products industry were investigated through personal interviews with 68 owners or managers and 27 supervisors to learn firm and supervisory characteristics. The study found that supervisors operate under both industrywide and managerial constraints. They must deal with a low wage labor force with high turnover rates, while facing almost static employment structure for supervisors in the State. The typical supervisor in the industry was found to be undertrained and cut off from management, a condition which emphasizes the need for management training. (BH)

VT 011 560 ED 042 046
TIEDEMAN, DAVID V., AND OTHERS
AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.

HARVARD UNIV., CAMBRIDGE, MASS. GRADUATE SCHOOL OF EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-1-6-061819-2240 08
BR-6-1819
PUB DATE - MAY 70 93P.

DESCRIPTORS - COMPUTERS; DATA; *DECISION MAKING; EDUCATIONAL OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES; *INFORMATION SYSTEMS; INTERACTION; *OCCUPATIONAL CHOICE; *OCCUPATIONAL INFORMATION; RESEARCH PROJECTS; SYSTEMS CONCEPTS; *VOCATIONAL EDUCATION

ABSTRACT - THE DECISION MAKING PROCESS REQUIRES MORE THAN MERELY GATHERING AND HAVING ACCESS TO DATA. IT ALSO INVOLVES GATHERING THE "CORRECT" DATA AND "INTERACTING" WITH THAT DATA TO REALIZE A DESIRED OUTCOME. TO PROVIDE STUDENTS WITH THIS TYPE OF DATA ABOUT EDUCATION AND WORK OPPORTUNITIES IN SUCH A WAY THAT THEY CAN RELATE IT TO THEIR OWN GOALS WAS THE OBJECTIVE OF THE COMPUTER BASED INFORMATION SYSTEM FOR VOCATIONAL DECISIONS (ISVD). HOWEVER, FIELD TESTS OF THE SYSTEM WERE HAMPERED BY TECHNICAL PROBLEMS AND BY THE MISUNDERSTANDING OF THE OBJECTIVE OF ISVD. THE PROJECT DID CLEARLY DEMONSTRATE THAT IT IS POSSIBLE TO: (1) INTERACT WITH AN INQUIRER IN A NATURAL LANGUAGE MEDIUM, (2) INTERACT WITH SEVERAL INQUIRERS SIMULTANEOUSLY, (3) RECOGNIZE AND RESPOND APPROPRIATELY TO INDIVIDUAL REQUESTS, AND (4) PROVIDE FACTS AND DATA AT VARIOUS LEVELS OF SPECIFICITY TO SUIT THE MODE IN WHICH THE USER IS OPERATING. (JS)

VT 011 580
Butler, Richard P.; Gordon, Michael E.
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.

Oak Ridge Associated Universities, Tenn.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Tennessee State Dept. of Education, Nashville. Div. of Vocational-Technical Education.
Tennessee Dept. of Employment Security, Nashville.
Tennessee Univ., Knoxville.
Office of Education (DHEW), Washington, D.C.
Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul70 32p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; UNEMPLOYED; QUESTIONNAIRES; *STATISTICAL SURVEYS; *TRAINEES; *PROGRAM ATTITUDES
IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT

ABSTRACT - This study investigates trainee attitudes toward the technical training phase of the manpower development project, Training and Technology (TAT). A 111-item evaluation form made up of experiences most likely to cause either a positive or negative reaction in trainees was distributed to all program participants in August, 1969. A seven point rating scale was used to indicate feelings about statements concerned with four general employment factors: (1) working conditions and the work itself, (2) achievement, (3) company policy and administration, and (4) interpersonal relations. Reaction to the program was generally favorable, although working conditions received the largest negative response, mainly because of dissatisfaction with the food in the canteen. A general feeling of achievement and self-confidence resulted in favorable attitudes toward the work itself and the other areas. (BH)

VT 011 586
Brooking, Walter J.
Preparation of Technicians for Environmental Control.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 18p.; Presented at the Annual Technical Meeting of the Institute of Environmental Sciences (Boston, Mass., Apr. 14, 1970).

DESCRIPTORS - *TECHNICAL EDUCATION; *ENVIRONMENTAL TECHNICIANS; POLLUTION; WATER POLLUTION CONTROL; AIR POLLUTION CONTROL; SANITATION; *ENVIRONMENTAL EDUCATION; QUALITY CONTROL; POST SECONDARY EDUCATION; *PROGRAM DEVELOPMENT; CURRICULUM DEVELOPMENT; CURRICULUM GUIDES; RECRUITMENT; *PROGRAM DESCRIPTIONS

ABSTRACT - Several kinds of environmental control technicians--water or air pollution, soil contamination, and sanitation--will be needed to assist professional scientists in research and in implementing extensive programs to prevent or alleviate pollution of our environment. Programs to prepare technicians usually require at least 2 years of specialized study beyond high school in order to learn the scientific principles, supporting mathematics, specialized techniques and equipment, and related supportive instruction. One reason why few programs currently exist to prepare technicians is that they belong to a new and emerging field of technology. There are several criteria which an applied science must meet or it is probably too narrow to be identified as requiring specially trained technicians. With the criteria as a guide, three technical programs are examined for need, curriculum development, and suggested curriculum outline. Also considered are problems of student recruitment and suggestions for ways to prepare more technicians. (SB)

VT 011 588
Job Instruction Training. A Job Analysis and Evaluation Workshop Conference for the Supervisory Personnel of the Employee Development and Training Program of the State of Louisiana Area V.

Ouachita Valley Vocational-Technical School, West Monroe, La.
MF AVAILABLE IN VT-ERIC SET.
Ouachita Valley Technical Institute. P.O. Box 546, West Monroe, Louisiana 71291.
PUB DATE - Feb69 47p.

DESCRIPTORS - *STATE SUPERVISORS; *INSERVICE EDUCATION; *SUPERVISORY TRAINING; LEADERSHIP RESPONSIBILITY; CONFERENCE REPORTS; JOB ANALYSIS; *LEADERSHIP QUALITIES; EMPLOYER EMPLOYEE RELATIONSHIP; *SUPERVISORY METHODS

ABSTRACT - This training conference was one of a series held for State supervisory personnel in Louisiana. The conferees discussed the qualities of a good supervisor and the responsibilities of supervision. Special emphasis was placed upon the role of the supervisor in promoting communication, cooperation, and understanding between management and employees. (BH)

VT 011 610
Consumer's Knowledge and Use of Government Grades for Selected Food Items. Marketing Research Report No. 876.

Economic Research Service (DOA), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Apr70 42p.

DESCRIPTORS - *AGRICULTURAL EDUCATION; QUESTION ANSWER INTERVIEWS; *CONSUMER EDUCATION; *CONSUMER ECONOMICS; HOME ECONOMICS SKILLS; INSPECTION; FOOD AND DRUG INSPECTORS; FOOD STANDARDS; GRADING; EVALUATION CRITERIA
IDENTIFIERS - *GOVERNMENT GRADES FOR FOODS

ABSTRACT - In a national sample of 3,000 households, telephone interviews showed that consumers were unfamiliar with USDA grades for food. For the most part consumers evidenced little knowledge of Federal grades and significant confusion between the grades and inspection marks. Undertaken to assist in evaluating the usefulness of the USDA grades and standards program, the study indicates that many consumers believe all food items to be graded and frequently report buying Grade A when no such grade designation exists. Appended is the questionnaire used in the survey. (AUTHOR/GB)

VT 011 615
Symposium on the Role of Worker Relocation in an Active Manpower Policy (Washington, D.C., April 9-11, 1969).

International Manpower Inst., Washington, D.C.
Agency for International Development, Washington, D.C.
Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 283p.

DESCRIPTORS - *CONFERENCE REPORTS; *MANPOWER DEVELOPMENT; *RELOCATION; *LABORERS; DEVELOPING NATIONS; PUBLIC POLICY

ABSTRACT - In order to augment the knowledge of Agency for International Development program planners in the manpower field, and to help Manpower Administration officials evaluate efforts in worker relocation and determine their role in manpower policy, the International Manpower Institute conducted this symposium on worker relocation. The conference was attended by about 100 persons, including specialists from universities, foreign labor attaches, private project administrators, foundation personnel, and government officials. Some 30 major presentations with discussion and comments are included. (BH)

VT 011 641
Cessna, Cecil P.
Further Development of a Plan for Offering Vocational-Technical Training in Fulton County. Final Report.

Fulton County School Board, McConnellsburg, Pa.
Pennsylvania Dept. of Education, Harrisburg. Bureau of Vocational, Technical and Continuing Education
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15Jul70 100p.

DESCRIPTORS - *SECONDARY SCHOOL STUDENTS; *PILOT PROJECTS; *PROGRAM DESCRIPTIONS; *VOCATIONAL EDUCATION; *LOW INCOME COUNTIES; COUNTY PROGRAMS; COMMUNITY SURVEYS; PROGRAM PLANNING

ABSTRACT - This pilot project was undertaken to determine the feasibility of utilizing existing secondary school facilities in a rural, disadvantaged county as an economical alternative to an area vocational school in meeting the training needs of area secondary students and employers. The vocational program established jointly by three rural school districts in Fulton County is described in this final report, along with a recommendation for its duplication in other areas with limited financial resources. Appendixes contain cost estimates and background information including occupational and educational surveys. (BH)

VT 011 653
Further Education for Technicians.

City and Guilds of London Inst., Inc., (England).
DOCUMENT NOT AVAILABLE FROM EDRS.
City and Guilds of London Institute, 76 Portland Place, London, W.1, England.
PUB DATE - Apr64 36p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *PROGRAM DESCRIPTIONS; *PROGRAM DEVELOPMENT; *FOREIGN COUNTRIES; TECHNICAL EDUCATION; ARTICULATION (PROGRAM); *APPRENTICESHIPS; COURSES; PROGRAM LENGTH
IDENTIFIERS - *ENGLAND

ABSTRACT - The City and Guilds of London Institute is sharing its experiences in the development of technical education by the publication of three monographs on the further education of operatives, craftsmen, and technicians. This particular monograph is concerned with the purposes and characteristics of part-time courses of further education for young people in industry who desire employment as technicians. Major sections are: (1) Characteristics of the Technician, (2) Technicians' Courses: The Overall Pattern, (3) A Representative "Ab Initio" Technicians' Course, (4) A Technicians' Course in a Science-Based Industry, (5) "End-On" Technicians' Courses, which are designed for students who have already completed a course or other suitable preparation, (6) National Certificate Courses, (7) General Studies, (8) General Courses for Intending Technicians, (9) Industrial Training and Further Education, and (10) The Future. The other two monographs are available as VT 011 656 (in this issue) and VT 008 732 (AIM Winter 1970), and several related documents are available as VT 011 654 and VT 011 657 (also in this issue). (SB)

VT 011 654
Education for the Printing Industry; A Proposed Plan for a Revised Structure of Courses for the Printing Industry.

City and Guilds of London Inst., Inc., (England). Consultative Committee on Education for the Printing Industry.

DOCUMENT NOT AVAILABLE FROM EDRS.
City and Guilds of London Institute, 76 Portland Place, London, W.1, England.
PUB DATE - Apr64 21p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *PRINTING; PUBLISHING INDUSTRY; *PROGRAM DEVELOPMENT; PROGRAM EVALUATION; *PROGRAM IMPROVEMENT; COURSES; *FOREIGN COUNTRIES; INDUSTRIAL ARTS
IDENTIFIERS - *ENGLAND

ABSTRACT - Recommendations for further education of those employed in the printing industry have been made by a consultative committee of the City and Guilds of London Institute. This report discusses steps to implement those proposals of the Government White Paper, "Better Opportunities in Technical Education," which are appropriate to the printing industry. Some major conclusions of the committee include: (1) replacing the present intermediate, final, and full technological courses with a two-part craft course and a two-part technicians' course, (2) providing transfer routes from one course to another to give each student the opportunity to develop his aptitudes fully, (3) offering a general course that would be diagnostic and preparatory and would feed the technicians' course, and (4) regionalizing senior courses in the larger and better equipped colleges. Related documents are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 657 (all in this issue). (SB)

VT 011 655
Siklos, T.
Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.

City and Guilds of London Inst., Inc., (England).
DOCUMENT NOT AVAILABLE FROM EDRS.
City and Guilds of London Institute, 76 Portland Place, London, W.1, England.
PUB DATE - Nov63 41p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *SCHOOL INDUSTRY RELATIONSHIP; *PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; *FOREIGN COUNTRIES; *APPRENTICESHIPS; INDUSTRIAL EDUCATION; INSTRUCTIONAL STAFF; PROGRAM DESCRIPTIONS; ADVISORY COMMITTEES
IDENTIFIERS - *ENGLAND

ABSTRACT - To overcome some of the problems which hamper a small firm in training apprentices, local industry combined its efforts with the local education authority to provide an apprentice training center for full-time training in an experimental program at Crawley College of Further Education. In the partnership, the local education authority administers the center, while financial support is contributed by the industrial firms. Active participation by industry is accomplished through the advisory committee which has been set up to make recommendations to the governing body. A senior training officer and three assistant training officers comprise the instructional staff. Students are selected for training and paid during the training by the firm that will eventually employ them. The training course is designed to cover the apprentices' first year and is planned to achieve coordination between technical processes, the theory on which these are based, and workshop drawing. During the year each apprentice gets a total of 1,300 hours of integrated workshop practice and theory. Other related documents are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 657 (all in this issue). (SB)

VT 011 656
Wheatley, D.E.; Taylor, M.H.
Further Education for Operatives.

City and Guilds of London Inst., Inc., (England).
DOCUMENT NOT AVAILABLE FROM EDRS.
City and Guilds of London Institute, 76 Portland Place, London, W.1, England.
PUB DATE - Mar64 41p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; TECHNICAL EDUCATION; *LABORERS; *COURSE DESCRIPTIONS; PROGRAM DESCRIPTIONS; *FOREIGN COUNTRIES; *PROGRAM DEVELOPMENT; MALES; FEMALES; ARTICULATION (PROGRAM)
IDENTIFIERS - *ENGLAND

ABSTRACT - To share its experiences in the development of technical education, the City and Guilds of London Institute has prepared three monographs on the further education of operatives, craftsmen, and technicians. This monograph is about part-time courses for young people of both sexes working in occupations for which there is not an apprenticeship and in which the skill requirement is usually less than that of a craft. Since the courses have a number of features in common, they are collectively referred

to as "operatives' courses." Some findings by the Institute include: (1) a high proportion of the operatives' occupations have sufficient technical content to provide a basis for a course, (2) Most of the courses provide a broad general survey of the whole field of activity within which the operative is engaged and also a more detailed study of his own job, (3) Operatives are not usually strongly motivated towards further education, (4) Examinations must take into account operatives' lack of facility in communication, and (5) Courses are best arranged on a part-time basis. Several sample syllabuses for operatives' courses are appended. The other monographs are available as VT 011 653 (in this issue) and VT 008 732 (AIM Winter 1970), and several related documents are available as VT 011 654, VT 011 655, and VT 011 657 (all in this issue). (SB)

VT 011 657
Lloyd, C.
Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.

City and Guilds of London Inst., Inc., (England).
DOCUMENT NOT AVAILABLE FROM EDRS.
City and Guilds of London Institute, 76 Portland Place, London, W.1, England.
PUB DATE - Feb63 12p.; Presented at United Nations Conference on Science and Technology (Geneva, Switzerland, Feb. 1963).

DESCRIPTORS - *VOCATIONAL EDUCATION; *APPRENTICESHIPS; CONFERENCE REPORTS; *TRAINING; *DEVELOPING NATIONS; *PROGRAM DEVELOPMENT; PROGRAM PLANNING; HUMAN RESOURCES; MANPOWER DEVELOPMENT

ABSTRACT - Main points are summarized and supporting arguments are provided for papers presented at a United Nations Conference session on "New Systems of Vocational Training and Apprenticeship" which came under the heading "Human Resources." The purpose of the conference was to suggest solutions to the problems of developing countries. A country's human resources, while being its most valuable available asset, are often its most neglected asset. In order to create conditions in which man can satisfy his material needs and develop his personal aptitudes, the use of human resources must be planned. The framework of a policy of human resource development would include activities for improvement of health and living conditions, spread of general education, and stimulating economic and social development. Because manpower in developing countries is mainly untrained, and because training in these countries is often deficient or almost entirely lacking, long- and short-term planning of training is vital along with a realistic establishment of priorities. Examples of training programs and methods of insuring maximum return from training were considered. Related materials are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 656 (all in this issue). (SB)

VT 011 681
Impara, James C.; Alden, Ed R., Jr.
Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.

Florida State Dept. of Education, Tallahassee. Div. of Elementary and Secondary Education.
MF AVAILABLE IN VT-ERIC SET.
Report No. 82
PUB DATE - Jul70 17p.

DESCRIPTORS - *PROGRAM EVALUATION; *DATA COLLECTION; STATISTICAL DATA; REPORTS; *FEDERAL PROGRAMS; *INFORMATION NEEDS; *PROGRAM COSTS; PROGRAM EFFECTIVENESS

ABSTRACT - This report includes tables of data using a newly developed method of reporting entitled "Consolidated Program Information Report" (CPIR). Developed by a special committee of state and federal representatives, CPIR is a systematic scheme for evaluation of funded programs which provides coordinated look at the various Federal funding programs in the local school districts of Florida. Tables in this report, providing only limited data and not encompassing all of CPIR, are: (1) Estimated Expenditures by Source of Funds, FY1969, (2) Estimated Expenditures for Selected Services and Activities, FY1969, and (3) Percent of Target Populations Being Served in FY1969. (JS)

VT 011 683 ED 043 741
PERSHING, REX WELDON
ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 188P.

DESCRIPTORS - BIBLIOGRAPHIES; *DEGREE REQUIREMENTS; *DOCTORAL PROGRAMS; DOCTORAL THESES; EDUCATIONAL SPECIFICATIONS; EVALUATION CRITERIA; GRADUATE STUDENTS; *GRADUATE STUDY; HIGHER EDUCATION; *INDUSTRIAL EDUCATION; *STUDENT OPINION

ABSTRACT - AN OPINIONNAIRE WAS USED TO IDENTIFY CRITERIA REGARDING IMPROVEMENT REQUIREMENTS, PRACTICES, AND PROCEDURES FOR THE EVALUATION OF EXISTING AND THE DEVELOPMENT OF NEW INDUSTRIAL EDUCATION DOCTORAL PROGRAMS. DATA FROM 207 (77.8 PERCENT) DOCTORAL STUDENTS, WHO RECEIVED THEIR DEGREES BETWEEN JUNE 1964 AND FEBRUARY 1969 FROM 23 INSTITUTIONS, PROVIDED INFORMATION FOR THE FOLLOWING SELECTED FINDINGS: (1) THE ED.D. DEGREE WAS HELD BY 167 RESPONDENTS AND THE PH.D. BY 39 RESPONDENTS, WITH 201 BEING EMPLOYED IN EDUCATION RELATED OCCUPATIONS, (2) ADMISSION REQUIREMENTS SUGGESTED A B ON UPPER DIVISION UNDERGRADUATE AND GRADUATE COURSE WORK AND 2 OR 3 YEARS OF TEACHING EXPERIENCE FOR INDUSTRIAL EDUCATION MAJORS OR 1 TO 3 YEARS OF INDUSTRIAL WORK EXPERIENCE FOR TRADE AND INDUSTRIAL AND INDUSTRIAL-TECHNICAL EDUCATION STUDENTS, (3) NO MINIMUM SCORE ON THE GRADUATE RECORD EXAMINATION SHOULD BE STIPULATED, (4) COURSE WORK APPLICABLE TOWARD A DEGREE WAS TYPICALLY UNIVERSAL, (5) A DISSERTATION SHOULD BE REQUIRED AND DEFENDED ORALLY, (6) WRITTEN AND ORAL COMPREHENSIVE EXAMINATIONS SHOULD BE REQUIRED OF ALL STUDENTS, (7) RESIDENCY SHOULD CONSIST OF ONE ACADEMIC YEAR, AND (8) 18 AREAS OF STUDY WERE RECOMMENDED TO BE MADE AVAILABLE TO THE DOCTORAL STUDENT. THIS ED.D. DISSERTATION WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 687 ED 043 745
CARTER, P. JOHN
AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 125P.

DESCRIPTORS - *ADMINISTRATOR ATTITUDES; BIBLIOGRAPHIES; *CURRICULUM DEVELOPMENT; DOCTORAL THESES; *INDUSTRIAL ARTS; INDUSTRIAL ARTS TEACHERS; *NATIONAL PROGRAMS; NATIONAL SURVEYS; STATE SUPERVISORS; *TEACHER ATTITUDES; TEACHER EDUCATORS
IDENTIFIERS - *NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS

ABSTRACT - TO DETERMINE THE ATTITUDES OF INDUSTRIAL ARTS EDUCATORS THROUGHOUT THE NATION TOWARD A MORE UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS, AN OPINIONNAIRE WAS COMPLETED BY 130 OF 150 SELECTED INDUSTRIAL ARTS DEPARTMENT CHAIRMEN OF COLLEGES AND UNIVERSITIES, BY 36 OF THE 50 STATE INDUSTRIAL ARTS SUPERVISORS OR CONSULTANTS, AND BY 194 (88 PERCENT RESPONSE) PUBLIC SECONDARY SCHOOL INDUSTRIAL ARTS TEACHERS. CONCLUSIONS WERE: (1) CURRICULAR REFORM IS A PROBLEM OF CONSIDERABLE IMPORTANCE, (2) ANY SUGGESTED CURRICULAR REFORM WILL NEED TO BE BUILT ON THE PRESENT STRUCTURE AND OFFERINGS OF INDUSTRIAL ARTS, (3) A "COMMON CORE" OF LEARNING EXPERIENCE FOR INDUSTRIAL ARTS NEEDS TO BE ESTABLISHED, (4) TERMS SUCH AS: "STANDARDIZATION," "UNIFORM NATIONWIDE CURRICULUM," AND "NATIONAL CURRICULUM," SHOULD BE AVOIDED BY THOSE WISHING TO ACHIEVE CURRICULAR REFORM, (5) ANY NATIONWIDE GUIDELINES MUST PROVIDE A DEGREE OF FREEDOM IN THE APPLICATION ACCORDING TO DIVERSE LOCAL SITUATIONS, AND (6) EFFECTIVE COMMUNICATION MUST BE ESTABLISHED AMONG ALL INDUSTRIAL ARTS EDUCATION PERSONNEL AND REPRESENTATIVES OF INDUSTRY IF A REFORM IS TO EMERGE. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 692
Post Secondary Distributive Education; A Suggested Guide for Administrators and Teachers.

Office of Education (DHEW), Washington, D.C. Bureau of Adult, Vocational, and Library Programs.
MF AVAILABLE IN VT-ERIC SET.
OE-82017
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.282:82017, $.60).
PUB DATE - 69 64p.

DESCRIPTORS - *DISTRIBUTIVE EDUCATION; CURRICULUM DEVELOPMENT; INSTRUCTOR COORDINATORS; *PROGRAM GUIDES; EDUCATIONAL OBJECTIVES; *PROGRAM EVALUATION; *PROGRAM PLANNING; RECORDS (FORMS); PROGRAM ADMINISTRATION; *PROGRAM DEVELOPMENT

ABSTRACT - This program guide for distributive education (DE) teachers and postsecondary school administrators was developed to provide ideas for evaluating present programs or for establishing new programs in postsecondary distributive

education. The guide is divided into the following five topical sections: (1) Nature and Scope of Distributive Education, (2) Planning Postsecondary Distributive Education, (3) Developing Curriculums for Postsecondary Distributive Education, (4) Operating Postsecondary Distributive Education, and (5) Evaluating Postsecondary Distributive Education. Each section defines key terms, includes selected references, and discusses specific aspects of a DE program. Also included are a bibliography, suggestions for developing objectives, sample curriculums, and operational records and reports. (JS)

VT 011 693 ED 042 912
FILEP, ROBERT T.; SALES, T. BRADFORD
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.

INSTITUTE FOR EDUCATIONAL DEVELOPMENT, EL SEGUNDO, CALIF.
EDRS PRICE MF-$0.65 HC-$3.29
INSTITUTE FOR EDUCATIONAL DEVELOPMENT, 52 VANDERBILT AVENUE, NEW YORK, NEW YORK 10017 ($2.00)
PUB DATE - APR 70 81P.

DESCRIPTORS - *EDUCATIONAL INNOVATION; *EDUCATIONAL PROGRAMS; EVALUATION; *RELEVANCE (EDUCATION); *SCHOOL COMMUNITY COOPERATION; SCHOOL SYSTEMS; *SCHOOL VISITATION; SURVEYS

ABSTRACT - DURING THE DECADE OF THE SEVENTIES MANY CHANGES IN EDUCATION WILL OCCUR WHICH WILL AFFECT STUDENTS, TEACHERS, AND ADMINISTRATORS AS WELL AS THE CURRICULUM. TO REVIEW SOME OF THE INNOVATIVE WAYS SELECTED SCHOOLS ARE ALREADY CHANGING THEIR PROGRAMS IN AN EFFORT TO BE MORE RELEVANT, A PILOT VISIT WAS MADE BY 81 BUSINESSMEN AND EDUCATORS TO FIVE SCHOOLS ACROSS THE COUNTRY. THE VISIT, COORDINATED BY THE NORTHERN CALIFORNIA INDUSTRY-EDUCATIONAL COUNCIL, SOUGHT TO PROVIDE AN OVERVIEW OF EDUCATIONAL INNOVATIONS AND TO PROVIDE A BASIS FOR EVALUATING THESE NEW APPROACHES. MANY PARTICIPANTS COMPLAINED OF THE TIGHT SCHEDULE AND THE LARGE SIZE OF THE GROUP BUT STILL FOUND THE TRIP TO BE VALUABLE FROM THE STANDPOINT OF THE DIALOGUE WHICH TOOK PLACE. ALSO THE TRAVELERS PERCEIVED HOW CERTAIN APPROACHES COULD BE ADAPTED FOR THEIR COMMUNITIES. RECOMMENDATIONS FOR FUTURE TRIPS OF THIS NATURE EMPHASIZE THE NEED FOR PRE-PLANNING ACTIVITIES. A RELATED DOCUMENT IS AVAILABLE AS ED 038 534. (JS)

VT 011 703 ED 042 914
LONG, GILBERT ANDREW
PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 144P.

DESCRIPTORS - ADMINISTRATIVE PERSONNEL; *ADMINISTRATOR RESPONSIBILITY; COMPARATIVE ANALYSIS; *DECISION MAKING; DOCTORAL THESES; EDUCATIONAL RESEARCH; PRINCIPALS; SCHOOL SUPERINTENDENTS; SECONDARY SCHOOLS; *TEACHER RESPONSIBILITY; *VOCATIONAL EDUCATION; *VOCATIONAL EDUCATION TEACHERS

ABSTRACT - TO DETERMINE WHERE VOCATIONAL EDUCATION DECISIONS ARE MADE IN THE ADMINISTRATIVE HIERARCHY OF THE SCHOOL SYSTEM AND TO MEASURE THE EXTENT OF AGREEMENT CONCERNING THE LOCATION OF DECISION RESPONSIBILITY, SUPERINTENDENTS, PRINCIPALS, AND 204 VOCATIONAL TEACHERS IN 22 OHIO SECONDARY SCHOOLS WERE INTERVIEWED USING A DECISION ANALYSIS INSTRUMENT COMPOSED OF 45 DECISIONS. THE RESPONDENTS GENERALLY AGREED UPON THE LOCATION OF DECISION RESPONSIBILITY FOR 38 OF THE 45 DECISIONS. BY USING THE SAME ANALYSIS INSTRUMENT, A JURY OF EXPERTS IN SCHOOL ADMINISTRATION WERE IN AGREEMENT FOR 35 OF THESE 38 DECISIONS, INFERRING THAT EXPERTS IN EDUCATIONAL ADMINISTRATION CAN PROJECT DECISION-MAKING FUNCTIONS IN SECONDARY SCHOOLS. GREATER AGREEMENT IN PERCEPTION BY THE RESPONDENTS WAS FOUND CONCERNING TEACHERS' RESPONSIBILITIES, INFERRING THAT TEACHERS' DECISIONAL FUNCTIONS ARE MORE COMMONLY RECOGNIZED THAN ARE THOSE OF THE PRINCIPAL OR SUPERINTENDENT. SO THAT STAFF MAY BE TRAINED TO MAKE DECISIONS WITHIN THEIR PARTICULAR FUNCTION, MORE RESEARCH SHOULD BE CONDUCTED TO DEFINE DECISION RESPONSIBILITIES OF TEACHERS, PRINCIPALS, AND SUPERINTENDENTS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (GB)

VT 011 705 ED 043 751
TAZIRI, KIMMIE; BLAKE, DUANE L.
THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - JUN 70 30P.

DESCRIPTORS - BIBLIOGRAPHIC CITATIONS; *EDUCATIONAL ADMINISTRATION; *HUMAN RELATIONS; *LEADERSHIP TRAINING; *MENTAL HEALTH; SOCIAL RELATIONS; STUDENT TEACHER RELATIONSHIP; *VOCATIONAL EDUCATION; VOCATIONAL EDUCATION TEACHERS; WORKSHOPS

ABSTRACT - INTENDED TO EXPLORE PROCESSES IN THE INTERACTIONS OF HUMAN RELATIONS AND POTENTIALITIES WHICH MIGHT BE APPLIED TO LEADERSHIP DEVELOPMENT WITHIN THE REALM OF ADMINISTRATION AND TEACHING OF VOCATIONAL EDUCATION, THIS STUDY RELATES THE IMPORTANCE OF REMOVING COMMUNICATION BARRIERS AND OF BUILDING THE ATMOSPHERE OF TRUST. THE STRUCTURAL BASIS FOR FORMULATING THE DEVELOPMENT COVERED FOUR MAJOR INTERRELATED AREAS: (1) PERSONAL AND SOCIAL RELATIONS, (2) OCCUPATIONAL INTERACTIONS, (3) EDUCATIONAL RELATIONSHIPS, AND (4) INTEGRATION OF HUMAN POTENTIALITIES IN LEADERSHIP DEVELOPMENT. IT IS RECOMMENDED THAT THE READER UTILIZE THE APPENDED LIST OF SUGGESTED REFERENCES TO GAIN MORE INFORMATION RELATIVE TO LEADERSHIP DEVELOPMENT. (GB)

VT 011 706 ED 043 752
ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
PUB DATE - JUN 69 432P.

DESCRIPTORS - *EDUCATIONAL LEGISLATION; FEDERAL AID; *FEDERAL LAWS; *FEDERAL LEGISLATION; FEDERAL PROGRAMS; *REFERENCE MATERIALS; *TRAINING
IDENTIFIERS - *COMMITTEE ON LABOR AND PUBLIC WELFARE; US SENATE

ABSTRACT - DIGESTS OF LAWS WITH PARTICULAR REFERENCE TO THEIR EDUCATIONAL AND TRAINING FEATURES ARE REPORTED IN THIS COMPREHENSIVE RECORD OF THE ENACTMENTS BY THE 90TH CONGRESS DURING ITS SECOND SESSION OF 1968. INCLUDED ARE ACTS RELATING TO TRAINING AND EDUCATION THAT CONCERN STUDENTS, TEACHERS, OR EDUCATION INSTITUTIONS. THE INFORMATION FOR THIS REPORT WAS OBTAINED FROM THE WEEKLY COMPILATION OF PRESIDENTIAL DOCUMENTS, THE CALENDARS OF THE HOUSE OF REPRESENTATIVES, THE DIGEST OF PUBLIC GENERAL BILLS AND SELECTED RESOLUTIONS, THE TEXTS OF INDIVIDUAL BILLS, THE HOUSE AND SENATE HEARINGS AND COMMITTEE REPORTS ON THESE BILLS, AND THE STATUTES AT LARGE. SECTIONS IN THE DOCUMENT REPORT THE LEGISLATIVE HISTORY, DIGEST, AND TEXT OF EACH BILL, A SUMMARY OF THE LEGISLATION, AND PRESIDENTIAL RECOMMENDATIONS AND STATEMENTS CONCERNING EDUCATION AND TRAINING. (NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT). (SB)

VT 011 742
Malinski, J.P.
Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.

Minnesota State Dept. of Education, St. Paul. Program Development Section.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 26p.; Prepared for Delivery at the Institute for Coordination of Supportive Services for Vocational Education Students in Rural Areas (Arkansas Univ., Fayetteville, Jan 26-30, 1970

DESCRIPTORS - *PROGRAM PLANNING; *PROGRAM COORDINATION; EDUCATIONAL PROGRAMS; *VOCATIONAL EDUCATION; *RURAL AREAS; FEDERAL LEGISLATION; *ANCILLARY SERVICES; SPEECHES

ABSTRACT - Until recently, vocational educators were not concerned with the supportive services for students which existed outside the school setting. This was especially true in rural areas because most of the vocational programs were in agriculture and homemaking with supportive services provided as an integral part and also because rural societies provided many of these services on an informal basis. Changes in agriculture created a surplus population which migrated to the cities, and one reaction to the problems caused by these changes has been an effort to provide for more balance between the large centers and rural areas. Though many recent federal laws authorizing support activities are not limited to cities, most of the programs have been designed for urban populations because of the population concentration and available administrative skill. Steps to use in coordinating services in any setting include: (1) planning, which entails analyzing occupational requirements and the population as well as making a current program inventory, (2) programing and budgeting, which includes establishing objectives and determining alternative ways to achieve them, and (3) analysis. (SB)

VT 011 745 ED 043 756
BLANTON, LLOYD HOUSTON
COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 186P.

DESCRIPTORS - ADMINISTRATIVE CHANGE; *ADMINISTRATOR ATTITUDES; *CHANGING ATTITUDES; *COMMUNICATIONS; DATA COLLECTION; DOCTORAL THESES; *EDUCATIONAL INNOVATION; RESEARCH DESIGN; STATE DEPARTMENTS OF EDUCATION; *VOCATIONAL EDUCATION

ABSTRACT - REALIZING THAT THE INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION CAN BE ENHANCED THROUGH COMMUNICATIONS NETWORKS, THIS STUDY SOUGHT (1) TO DESCRIBE THE DEGREE OF ASSOCIATION BETWEEN SELECTED COMMUNICATION NETWORK CHARACTERISTICS AND ATTITUDES OF PERSONNEL IN A STATE DIVISION OF VOCATIONAL EDUCATION, AND (2) TO ASSESS THE RIGIDITY OF OPENNESS-TO-CHANGE AND DYNAMIC-TRACTIVE SUPERVISORY ATTITUDES OF THESE PERSONNEL. THE SOURCES OF DATA INCLUDED QUESTIONNAIRES AND PERSONAL INTERVIEWS WHILE THE ANALYSIS INCLUDED USE OF THE LATIN SQUARE RESEARCH DESIGN, PRETEST-POSTTEST METHOD, INTERVAL LEVEL INDICES, AND THE PARAMETRIC AND NON-PARAMETRIC METHOD. AMONG THE CONCLUSIONS WERE THAT ATTITUDES CONDUCIVE TO INNOVATIVE POTENTIAL MAY BE CHANGED BY SELECTED STIMULI AND THAT ATTITUDES TOWARD CHANGE WERE MORE POSITIVE FOR PERSONNEL AT THE HIGHER STRUCTURAL POSITIONS OF THE STATE DIVISION OF VOCATIONAL EDUCATION. RECOMMENDATIONS IN TWO PARTS ARE DIRECTED TO VOCATIONAL EDUCATION PERSONNEL PRIMARILY INVOLVED WITH ADMINISTRATION, ORGANIZATION, AND INNOVATION, AND TO RESEARCHERS. THIS PH.D. DISSERTATION WAS PRESENTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 766 ED 042 926
BUDKE, WESLEY EUGENE
GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 256P.

DESCRIPTORS - CAREER PLANNING; COMPARATIVE ANALYSIS; EDUCATIONAL OBJECTIVES; EDUCATIONAL PLANNING; *EDUCATIONAL PRINCIPLES; *GUIDELINES; JUNIOR HIGH SCHOOLS; *PREVOCATIONAL EDUCATION; *PROGRAM DEVELOPMENT; SCHOOL PERSONNEL

ABSTRACT - STARTING WITH THE PREMISE THAT THERE IS A NEED FOR CONTINUOUS VOCATIONAL EDUCATION FROM EARLY CHILDHOOD THROUGHOUT LIFE, THIS STUDY SOUGHT TO DEVELOP GUIDELINES FOR USE IN ORGANIZING, OPERATING, AND ADMINISTERING PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL. THE STUDY WAS NATIONAL IN SCOPE AND MADE USE OF A QUESTIONAIRE TO CONTACT 29 DIRECTORS OF LOCAL PROGRAMS OF OCCUPATIONAL ORIENTATION AND EXPLORATION. AFTER ANALYSIS OF THE 20 RETURNED QUESTIONNAIRES, AND REVIEW OF THE RELATED LITERATURE, AN INVENTORY OF COMMON PROGRAM AREAS WAS PREPARED AND SUBMITTED TO A JURY OF EXPERTS, WHO INDICATED THE RELATIVE IMPORTANCE OF EACH. THE RESULT OF THESE ACTIVITIES WAS A GUIDELINE STATEMENT AND ACCOMPANYING GUIDING PRINCIPLES FOR EACH OF THE 13 IDENTIFIED AREAS, INCLUDING (1) PROGRAM OBJECTIVES, (2) PROGRAM DESIGN, (3) GRADE LEVEL OF STUDENT INVOLVEMENT, (4) PROGRAM FINANCING, AND (5) CURRICULUM AND ACTIVITIES. THESE GUIDELINES ARE USABLE IN THE DEVELOPMENT OF JUNIOR HIGH SCHOOL PREVOCATIONAL EDUCATION PROGRAMS AND SHOULD BE DISSEMINATED FOR USE BY CONCERNED EDUCATORS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (JS)

VT 011 771 ED 042 927
GRAY, KENNEY EARL
COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR MICHIGAN 48106
PUB DATE - 70 177P.

DESCRIPTORS - *ABILITY IDENTIFICATION; DATA COLLECTION; MODELS; *PERSONNEL DATA; *PROFESSIONAL PERSONNEL; *PROGRAM PLANNING; STATE AGENCIES; STATE DEPARTMENTS OF EDUCATION; *VOCATIONAL EDUCATION
IDENTIFIERS - *ARNOLD PLANNING MODEL; DELPHI TECHNIQUE

ABSTRACT - THE LEGISLATIVE REQUIREMENTS FOR STATE-LEVEL PLANNING IN VOCATIONAL EDUCATION AND THE CHANGING SOCIOECONOMIC PROBLEMS CONFRONTING VOCATIONAL EDUCATION WERE COMPELLING FORCES IN THE CONCEPTUALIZATION AND CONDUCT OF THIS STUDY. TO IDENTIFY THE COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING WITHIN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION, THREE SUCCESSIVE MAIL QUESTIONNAIRES WERE SENT TO TWENTY PRACTITIONERS, OF WHOM SEVEN WERE CHIEFS OF PLANNING. AS A RESULT OF THIS

INVESTIGATION A GROUP OF 147 COMPETENCIES WERE IDENTIFIED AS NEEDED BY PLANNING PERSONNEL, INCLUDING COMPETENCIES RELATED TO SOCIOECONOMIC PLANNING, PROGRAM PLANNING, AND RESOURCE PLANNING. IT WAS CONCLUDED THAT STATE-LEVEL PLANNING IN VOCATIONAL AND TECHNICAL EDUCATION UTILIZING THE ARNOLD MODEL INVOLVES SPECIALIZED ASSIGNMENTS REQUIRING PERFORMANCE OF SPECIFIC PLANNING COMPETENCIES. RECOMMENDATIONS INCLUDED MORE INTENSIVE STUDY OF PLANNING COMPETENCIES AND ADDITIONAL RESEARCH IN PLANNING OPERATIONS. THIS PH.D. DISSERTATION WAS PRESENTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 777
Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).

Education Commission of the States, Denver, Colo.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 18May70 6p.

DESCRIPTORS - *CONFERENCE REPORTS; *ACCREDITATION (INSTITUTIONS); *PROGRAM EVALUATION; *ADMINISTRATIVE AGENCIES; *STANDARDS; PROGRAM IMPROVEMENT; VOCATIONAL EDUCATION; EVALUATION NEEDS

ABSTRACT - An interagency meeting held in Chicago to discuss problems concerning vocational education accreditation identified six major areas of concern. These areas included the need for looking much more closely at the relation between specialized and general and/or pragmatic and institutional accreditation as particularly critical in occupational accreditation. Other areas of concern were related to (1) flexibility in accreditation, (2) admissions, facilities, and faculties, (3) the relation of vocational education to meeting manpower needs, and (4) the differences and relations among accreditation, licensure, and approval of establishment of new institutions. The full report of this conference is not available; a related document, however, is available as VT 011 778 (also in this issue). (AUTHOR/JS)

VT 011 778
Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).

Education Commission of the States, Denver, Colo.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15Apr70 3p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *ACCREDITATION (INSTITUTIONS); PERFORMANCE CRITERIA; *HIGHER EDUCATION; *PROGRAM EVALUATION; EDUCATIONAL NEEDS; PROGRAM COORDINATION; *EDUCATIONAL PLANNING; PROGRAM EFFECTIVENESS

ABSTRACT - Chaired by Governor Robert E. McNair of South Carolina, the Task Force identified several areas of needs pertaining to vocational education in higher education. Among these were the need within states for continued comprehensive educational planning at all levels and the need for complementary and reasonably structured approaches to vocational education accreditation. The full report of this conference is not available, however, a related document is available as VT 011 777 (also in this issue). (JS)

VT 011 785
Pachucki, Chester
Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.

Illinois Junior Coll. Board, Springfield.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan70 20p.

DESCRIPTORS - *STUDENT ENROLLMENT; *EDUCATIONAL PROGRAMS; *STATE SURVEYS; *JUNIOR COLLEGES; *TECHNICAL EDUCATION; VOCATIONAL EDUCATION; PARAPROFESSIONAL SCHOOL PERSONNEL; PARAMEDICAL OCCUPATIONS; GRADUATES; MANPOWER NEEDS

ABSTRACT - Overwhelming demands on the time of the professional have resulted in a corresponding need for paraprofessionals to take over the routine jobs that were once done only by the doctor, engineer, or teacher. Illinois is meeting this need for paraprofessionals through a variety of programs in areas such as biological sciences, the health field, and data processing. In addition to employment data this survey provides information in table form on career programs offered in fall term 1969 in Illinois Public Junior Colleges, including enrollment figures, degree programs, and the number of graduates per program as of June 1969. (JS)

VT 011 787
Hull, William L.; Taylor, Robert E.
Relevancy in Agricultural Education.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 6Nov69 19p.; Presentation made to the North Atlantic Regional Seminar and Research Conference in Agricultural Education (Pennsylvania State Univ., Nov. 6, 1969).

DESCRIPTORS - *AGRICULTURAL EDUCATION; *RELEVANCE (EDUCATION); PROFESSIONAL PERSONNEL; *LEADERSHIP RESPONSIBILITY; *EDUCATIONAL PHILOSOPHY; INSTRUCTIONAL IMPROVEMENT; SPEECHES; PROGRAM PROPOSALS; PROGRAM EVALUATION; ADMINISTRATOR RESPONSIBILITY; *EDUCATIONAL OPPORTUNITIES; PROGRAM EFFECTIVENESS; PROGRAM PLANNING

ABSTRACT - Some of the factors which will influence the direction of agricultural education in the coming decade are (1) management of technology, (2) depletion of the rural human resource, (3) growth of urban problems, (4) equality of human opportunity, and (5) consolidation of governing mechanisms. To assure purposeful programing, leaders in the field must be prepared to develop agricultural education to serve the broad needs of the people. Specialized teachers of agriculture must be prepared to optimize the educational development of every child, regardless of his educational objective. In short, active leaders and proposals for constructive programs must emerge. (CD)

VT 011 792 ED 043 760
DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969-1970 AND 1970 SPRING SUPPLEMENT.

AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
DEPARTMENT OF ALLIED MEDICAL PROFESSIONS AND SERVICES, AMERICAN MEDICAL ASSOCIATION, 535 NORTH DEARBORN STREET, CHICAGO, ILLINOIS 60610.
PUB DATE - 69 243P.

DESCRIPTORS - ADMINISTRATIVE PERSONNEL; ADMISSION CRITERIA; DEGREES (TITLES); *DIRECTORIES; *EDUCATIONAL PROGRAMS; FINANCIAL SUPPORT; *HEALTH OCCUPATIONS EDUCATION; PROGRAM LENGTH; TUITION

ABSTRACT - PREPARED BY THE AMERICAN MEDICAL ASSOCIATION, THIS 1969-70 DIRECTORY AND ACCOMPANYING SPRING 1970 SUPPLEMENT LIST ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS BY CITY IN THE 50 STATES, DISTRICT OF COLUMBIA, CANAL ZONE, PUERTO RICO, AND JAPAN. EACH LISTING CONTAINS THE LOCATION, INSTITUTION, TYPE OF EDUCATIONAL PROGRAM, AFFILIATION, DIRECTOR(S), ENTRANCE REQUIREMENTS, LENGTH OF PROGRAM, STUDENT CAPACITY, DATE CLASSES BEGIN, TUITION, STIPEND, SCHOLARSHIPS, AND CERTIFICATE OR DEGREE. (SB)

VT 011 798
Ohio Advisory Council for Vocational Education, First Report.

Ohio Advisory Council for Vocational Education, Worthington.
Ohio State Board of Education, Columbus
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul70 40p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *PROGRAM IMPROVEMENT; *SURVEYS; TECHNICAL EDUCATION; *EDUCATIONAL NEEDS; STUDENT NEEDS; FINANCIAL SUPPORT; MANPOWER NEEDS

ABSTRACT - In addition to serving in an advisory capacity, the Ohio Advisory Council is charged with evaluating the effectiveness of the vocational education program and with making recommendations for its improvements. Thus, the Council's first report highlights the progress being made in vocational education in Ohio and directs attention to 14 selected findings and recommendations. Among these recommendations are that the movement to create more Joint Vocational School Districts with a broad student base and a broad tax base be continued, and that local school officials join with representatives of industry, labor, and agriculture in a study of employment needs for the purpose of developing an occupational education program. Other information presented in this report pertains to (1) the Council's organization and operation, (2) studies and publications of the Council, (3) areas of concern presented by the Division of Vocational Education for Counsel, and (4) the accomplishments and some challenges of vocational education. (JS)

VT 011 799
Kunzman, Leonard E.
Career Education in Oregon. A Statement In Improvement of Vocational Instruction in Oregon Schools.

Oregon State Board of Education, Salem
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 1Aug70 11p.

DESCRIPTORS - *VOCATIONAL EDUCATION; SECONDARY EDUCATION; COMMUNITY COLLEGES; CAREER PLANNING; *RELEVANCE (EDUCATION); *OCCUPATIONAL CLUSTERS; *OCCUPATIONAL GUIDANCE; CURRICULUM DESIGN; EDUCATIONAL NEEDS; *NONCOLLEGE PREPARATORY STUDENTS

ABSTRACT - Only one in 10 Oregonians graduate from a 4-year college, yet most of the high school curriculums continue to be geared to the collegebound student. Students are becoming bored and restless because of this separation of school life from real life. Oregon has made progress in correcting this situation through the establishment of a community college system and through occupational education but more needs to be done. For occupational education to be successful, the following changes are needed: (1) make education relevant to real life, (2) provide ample opportunities for career exploration, (3) provide guidance services for every student, (4) provide a curriculum based on career goals, and (5) assure that opportunities for advanced occupational preparation are readily accessible to all persons through community colleges and other programs. Specific activities are currently being planned to bring about these changes. (JS)

VT 011 802
Perryman, Bruce C.
A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education. Final Report.

Western Wyoming Community Coll., Rock Springs. Dept. of Vocational Education.
Wyoming State Employment Service, Rock Springs.
Wyoming Research Coordinating Unit in Vocational-Technical Education, Cheyenne
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul69 299p.

DESCRIPTORS - *EDUCATIONAL RESEARCH; *EDUCATIONAL NEEDS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *STUDENT NEEDS; PROGRAM IMPROVEMENT; BIBLIOGRAPHIC CITATIONS

ABSTRACT - To determine the occupational education needs of an area of Wyoming and to relate the results and recommendations to administrative personnel, this study utilized classroom questionnaire responses of 90 percent of 1,350 students enrolled in Grades 9-12. The analysis of the data indicates that students appeared to show a primary interest in occupations classified as business and office. Considerable interest was shown in vocational and technical programs by area students. Parents were generally in favor of offspring receiving vocational education after high school, with the junior college programs being more desirable. Recommendations include that a particular emphasis should be given to the implementation and development of a broad, comprehensive business and office occupations program. A strong and comprehensive junior college program appears to be desirable. Numerous charts and tables present the data, and questionnaire forms and detailed data are appended. (GB)

VT 011 804
Good Training, Good Jobs: MDTA. Facts for Manpower Administrators.

Office of Education (DHEW), Washington, D.C. Div. of Manpower Development and Training.
MF AVAILABLE IN VT-ERIC SET.
OE-87050
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.287:87050, $.25).
PUB DATE - 70 10p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; *PROGRAM DESCRIPTIONS; ADMINISTRATOR GUIDES; EDUCATIONALLY DISADVANTAGED; ADMINISTRATIVE POLICY
IDENTIFIERS - *MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

ABSTRACT - This pamphlet discusses the goals and administration of Manpower Development and Training Act (MDTA) Programs. Using a question and answer form, the booklet also describes types of training and trainees, funding, and federal guidelines for MDTA Programs. (BH)

VT 011 805
Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.

Wage and Labor Standards Administration (DOL), Washington, D.C. Bureau of Labor Standards.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan70 133p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *FEDERAL LEGISLATION; *HEALTH GUIDES; *SAFETY; *CRITERIA; ACCIDENT PREVENTION
IDENTIFIERS - SHIP REPAIRING; SHIPBUILDING; SHIPBREAKING

ABSTRACT - This document contains excerpts from Title 29, Chapter 13 of the Code of Federal Regulations pertaining to Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking. Categories are: (1) General Provisions, (2) Explosive and Other Dangerous Atmospheres, (3) Surface Preparation and Preservation, (4) Welding, Cutting, and Heating, (5) Scaffolds, Ladders, and Other Working Surfaces, (6) General Working Conditions, (7) Gear and Equipment for Rigging and Materials Handling, (8) Tools and Related Equipment, (9) Personal Protective Equipment, (10) Portable, Unfired Pressure Vessels, Drums, and Containers, Other Than Ship's Equipment, (11) Ship's Machinery and Piping Systems, and (12) Electrical Machinery. (SB)

VT 011 806
National Workshop of Professional Leaders in FFA, Proceedings (Washington, D.C., July 20-26, 1969).

Future Farmers of America, Washington, D.C.
Geigy Chemical Corp.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 38p.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *YOUTH LEADERS; *CONFERENCE REPORTS; *STUDENT ORGANIZATIONS; TEACHING METHODS; *LEADERSHIP TRAINING; PROFESSIONAL TRAINING
IDENTIFIERS - *FUTURE FARMERS OF AMERICA; FFA

ABSTRACT - To educate professional leadership in agricultural education in the use of the FFA as an effective teaching device, each state's delegates at the workshop presented techniques and procedures that have helped to motivate students. Including state advisors, executive secretaries, and teachers, a total of 41 participants representing 39 states attended the workshop. The major objectives were: (1) to update executive secretaries' understanding of the FFA program as a student organization, (2) to develop understanding of inservice training programs, (3) to develop techniques for effective working relationships with administrators and boards of education, (4) to determine role of executive secretary in effective communication and public relations activities, and (5) to understand the need for research and developmental programs to improve the FFA as a teaching device. (GB)

VT 011 825
Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).
DOCUMENT NOT AVAILABLE FROM EDRS.
Colombo Plan Bureau, P.O. Box 596, Colombo, Ceylon.
PUB DATE - 69 148p.

DESCRIPTORS - *CONFERENCE REPORTS; VOCATIONAL EDUCATION; TECHNICAL EDUCATION; PROGRAM DEVELOPMENT; *JOB TRAINING; *PROGRAM PLANNING; *ECONOMIC DEVELOPMENT; *HUMAN RESOURCES; ADVISORY COMMITTEES; PROGRAM COORDINATION; MANPOWER NEEDS
IDENTIFIERS - *COLOMBO PLAN

ABSTRACT - The realization that the development of a nation's human resources is vital to economic growth has accounted for much of the interest in vocational and technical training programs in Indonesia. To emphasize this need and to serve as a catalyst for change, this second in a series of seminars was held with 87 representatives of government, private organizations, and foreign interests in attendance. Discussion at the seminar centered around five working papers which were: (1) "National Planning of Vocational and Technical Training" by Irshad H. Khan, (2) "Vocational and Technical Training Planning as an Integral Part of Manpower Planning" by Boengaran M.M. Sihombing, (3) "Problems in Planning Vocational and Technical Training" by Ir. Rusli Sjarief, (4) "The Role of Industry as User and Producer of Technically Trained

Personnel in Indonesia" by the Perhimpunan Management Association, and (5) "Relation between Training Planning and Educational Planning in Economic Development" by Kartomo Wirosuhardjo. Included in the recommendations of the seminar were the setting up of a central training authority and the establishment of advisory training councils at the central, provincial, and local levels to assist in developing training programs (AUTHOR/JS)

VT 011 828
Status of Adult Vocational Education in Utah.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 69p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *SURVEYS; ADMINISTRATIVE POLICY; *PROGRAM COSTS; GUIDANCE SERVICES; COUNSELING SERVICES; *GUIDELINES; STUDENT ENROLLMENT; *ENROLLMENT PROJECTIONS; FEMALES; ADULT STUDENTS; TEACHER QUALIFICATIONS

ABSTRACT - To ascertain the status of adult vocational education in the public secondary schools of Utah, this project sent questionnaires to school administrators in each of the 40 school districts as well as to a sample of 1,200 adult education students. Of the 35 school administrators in charge of adult vocational education responding to the questionnaire, 97 percent indicated an expected growth in adult vocational programs, and 94 percent said that occupational experience was an important qualification in selecting teachers. It was also pointed out that better financing, broader course offering, and better qualified teachers are vital to the improvement of the program. Information received from 835 students revealed that 61 percent of the responses came from women over 30 and that most women were enrolled in office occupations and home economics classes. Cost data obtained from state offices provided an average cost per class of $149. Reviewing the collected data, it is evident that administrators vary considerably in setting fees and minimum enrollments for adult classes and that they see little need for providing guidance services and followup procedures for adult education students. It is recommended that administrative guidelines be established and that guidance services be provided. (JS)

VT 011 831 ED 043 765
ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.

AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL. COUNCIL ON MEDICAL EDUCATION.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
DEPARTMENT OF ALLIED MEDICAL PROFESSIONS AND SERVICES, AMERICAN MEDICAL ASSOCIATION, 535 NORTH DEARBORN STREET, CHICAGO, ILLINOIS 60610
PUB DATE - 69 120P.

DESCRIPTORS - *ACCREDITATION (INSTITUTIONS); *DIRECTORIES; *EDUCATIONAL PROGRAMS; *GUIDELINES; HEALTH OCCUPATIONS; *HEALTH OCCUPATIONS EDUCATION; PROGRAM ADMINISTRATION

ABSTRACT - PREPARED BY THE COUNCIL ON MEDICAL EDUCATION OF THE AMERICAN MEDICAL ASSOCIATION WITH THE COOPERATION OF COLLABORATING ORGANIZATIONS, THIS DOCUMENT IS A COLLECTION OF GUIDELINES FOR ACCREDITED PROGRAMS FOR MEDICAL ASSISTANTS, NUCLEAR MEDICINE TECHNOLOGY, ORTHOPEDIC ASSISTANTS, RADIATION THERAPY TECHNOLOGY, AND RADIOLOGIC TECHNOLOGISTS. THE ESSENTIALS OF ADMINISTRATION, ORGANIZATION, FACULTY, FACILITIES, ADMISSION REQUIREMENTS, HEALTH, CURRICULUM, ETHICS, AND ADMISSIONS TO THE APPROVED LIST OF PROGRAMS ARE OUTLINED. IN ADDITION TO THE GUIDELINES, DIRECTORIES OF ACCREDITED PROGRAMS FOR CERTIFIED LABORATORY ASSISTANTS, MEDICAL RECORD LIBRARIANS, AND TECHNOLOGISTS, CYTOTECHNOLOGY, INHALATION THERAPY, MEDICAL TECHNOLOGY, OCCUPATIONAL THERAPY, PHYSICAL THERAPY, AND RADIOLOGIC TECHNOLOGY ARE INCLUDED. PROGRAM LISTINGS ARE ORGANIZED BY STATE, AND INCLUDE CITY, INSTITUTION, AFFILIATED INSTITUTION, PROGRAM DIRECTOR AND TEACHING SUPERVISOR, ENTRANCE REQUIREMENTS, PROGRAM LENGTH, STUDENT CAPACITY, DATE PROGRAM BEGINS, TUITION, AND STIPEND. THE GUIDELINES OR PROGRAM LISTINGS ARE AVAILABLE INDIVIDUALLY FROM THE ADDRESS GIVEN ABOVE. (SB)

VT 011 836 ED 043 766
KAHLER, CAROL, ED., AND OTHERS
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.

AMERICAN ASSOCIATION OF JUNIOR COLLEGES, WASHINGTON, D.C.
KELLOGG FOUNDATION, BATTLE CREEK, MICH.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
AMERICAN ASSOCIATION OF JUNIOR COLLEGES, 1315 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036 ($1.50)
PUB DATE - 69 43P.

DESCRIPTORS - *ADMINISTRATOR GUIDES; CERTIFICATION; CURRICULUM DEVELOPMENT; EDUCATIONAL PROGRAMS; HEALTH OCCUPATIONS; *HEALTH OCCUPATIONS EDUCATION; JUNIOR COLLEGES; *MEDICAL TECHNOLOGISTS; POST SECONDARY EDUCATION; PROGRAM ADMINISTRATION; *PROGRAM DEVELOPMENT; *PROGRAM PLANNING

ABSTRACT - PREPARED BY THE AMERICAN ASSOCIATION OF JUNIOR COLLEGES AND THE NATIONAL COUNCIL ON MEDICAL TECHNOLOGY EDUCATION, THIS GUIDE DISCUSSES PROGRAMS FOR CAREER-ENTRY SUPPORTIVE MEDICAL LABORATORY PERSONNEL WHICH HAVE BEEN COOPERATIVELY PLANNED BY JUNIOR COLLEGE PERSONNEL AND THE MEDICAL COMMUNITY, PARTICULARLY PATHOLOGISTS AND MEDICAL TECHNOLOGISTS. SECTION 1 PROVIDES GUIDELINES FOR ACHIEVING THESE PROGRAM DEVELOPMENT GOALS: (1) DEFINE THE SCOPE OF THE PROGRAM, (2) BECOME AWARE OF PROGRAM REQUIREMENTS FOR PROFESSIONAL APPROVAL, LICENSURE, AND CERTIFICATION, (3) REVIEW COLLEGE PHILOSOPHY, GOALS, AND ORIENTATION IN RELATION TO IMPLEMENTATION OF THE PROGRAM, (4) EVALUATE THE NEED FOR MEDICAL LABORATORY TECHNICIANS IN THE COMMUNITY, (5) EVALUATE THE FEASIBILITY OF THE COLLEGE OFFERING A PROGRAM, (6) OBTAIN PROGRAM RESOURCES AND PREPARE FOR USE, (7) DEVELOP A CURRICULUM, AND (8) EVALUATE THE PROGRAM. SECTION 2 DESCRIBES IN CHECKLIST FORM THE ACTIONS THE COLLEGE ADMINISTRATOR, PROGRAM DIRECTOR, AND PATHOLOGIST SHOULD CONDUCT TO ACHIEVE THE GOALS. ELIGIBILITY REQUIREMENTS FOR CERTIFICATION, REFERENCE ORGANIZATIONS, REFERENCE PUBLICATIONS, AND LAWS COVERING MEDICAL LABORATORIES ARE APPENDED. (SB)

VT 011 849 ED 043 768
RAO, B. S. VENKATA
EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEC-4-7-062597-1654 24
BR-6-2597
PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305
PUB DATE - 69 106P.

DESCRIPTORS - *EDUCATIONAL IMPROVEMENT; EDUCATIONAL PROBLEMS; FOREIGN COUNTRIES; INDUSTRIAL TRAINING; *JOB TRAINING; *MANPOWER NEEDS; PROGRAM DEVELOPMENT; PROGRAM EVALUATION; *TRADE AND INDUSTRIAL EDUCATION; *TRAINING OBJECTIVES
IDENTIFIERS - *INDIA

ABSTRACT - WRITTEN AS A MONOGRAPH BASED ON PREVIOUS RESEARCH CONDUCTED AT STANFORD UNIVERSITY AS WELL AS IN INDIA, THIS DOCUMENT IS CONCERNED WITH THE IMPROVEMENT OF INDIA'S EXISTING INDUSTRIAL EDUCATION AND TRAINING IN RELATION TO AIMS OF INDUSTRIAL GROWTH. FOCUSING ON THE NEED TO ACHIEVE A CONSISTENCY BETWEEN THE OBJECTIVES OF THE INDUSTRIAL EDUCATION AND TRAINING SYSTEM AND THOSE OF THE INDUSTRIAL SECTOR, THIS MONOGRAPH ATTEMPTS AN EVALUATIVE REVIEW OF THE INDIAN SYSTEM AND INDICATES PROBLEM AREAS REQUIRING ATTENTION. SUGGESTIONS ARE OFFERED FOR IMPROVING THE EFFECTIVENESS OF THE SYSTEM THAT TRAINS QUALIFIED MANPOWER FOR INDUSTRY, INCLUDING AN ACTION-ORIENTED PROGRAM OF SKILL FORMATION IN MODERN SMALL INDUSTRY IN INDIA. (AUTHOR)

VT 011 855
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).

Georgia Inst. of Tech., Atlanta.
National Alliance of Businessmen, Atlanta, Ga.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan69 173p.

DESCRIPTORS - *CONFERENCE REPORTS; *MANPOWER DEVELOPMENT; *INTERAGENCY COORDINATION; *EMPLOYMENT QUALIFICATIONS; UNEMPLOYED; *EMPLOYMENT PROGRAMS; EDUCATIONALLY DISADVANTAGED

ABSTRACT - This conference enabled companies with employment programs for the educationally disadvantaged in Atlanta to share their experiences and learn from each other. Problem areas discussed include: (1) job availability for the hard-core unemployed, (2) identification of hard-core jobs and matching them with worker characteristics, (3) work orientation, (4) job training, and (5) the role of public education in preparation for work. The conference found that job development for the hard-core unemployed could be undertaken much more efficiently if the agencies involved would coordinate their activities in a united effort. On the level of the individual firms, conferees agreed that the major factor in program success is a firm committment by top management. (BH)

VT 011 860
Moser, David E.; Kriebel, Wesley R.
Guidelines for an Extension Educational Program in Transportation. Transportation in Agriculture and Business Series No. 3, Manual 71.

Missouri Univ., Columbia. Extension Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 25p.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *PROGRAM DEVELOPMENT; *TRANSPORTATION; *EXTENSION EDUCATION; *PROGRAM DESCRIPTIONS; EDUCATIONAL PROGRAMS; PROGRAM GUIDES; PROGRAM PLANNING; MARKETING; EDUCATIONAL RESEARCH

ABSTRACT - Prepared for use by extension personnel in developing a state level educational program in transportation, this publication provides broad program guidelines as a reference for the transportation specialist. Content includes: (1) rationale for and requirements of a transportation program, (2) preparation required for the program, and (3) development procedures. Appended are ratemaking procedures. (GB)

VT 011 876
Williams, Robert Travis
An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
PUB DATE - 69 105p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *STATE PROGRAMS; *PROGRAM PLANNING; LABOR SUPPLY; MANPOWER NEEDS; *EMPLOYMENT STATISTICS; *LABOR MARKET; PROGRAM EVALUATION

ABSTRACT - This study sought to develop a procedure for using occupational supply and demand data in state-level planning of occupational education programs. Demand data for 107 occupations in North Carolina during the period 1966-1970 were taken from an area skill survey. Supply data for the period came from community colleges, technical institutes, and secondary school class records filed in State offices. Enrollment information was useful in pointing out the occupations which were not supported by any public training program, and those for which enrollment greatly exceeded demand. Completion rates for various types of curriculums and other programs were computed, showing a wide range. Secondary programs showed the lowest percent of completions, 28.9 percent, compared to an overall completion rate of 40.6 percent for all postsecondary curriculums. The study concluded that State Board of Education policies and State agency formulas rewarded input and ignored output. The absence of followup studies prevented measuring the extent to which output of the training system contributed to meeting labor demand. This ED.D. dissertation was submitted to the University of North Carolina. (AUTHOR/BH)

VT 011 892
Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.

Ingham Intermediate Board of Education, Mason, Mich.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov69 36p.

DESCRIPTORS - *VOCATIONAL EDUCATION; EMPLOYMENT PROGRAMS; COOPERATIVE PROGRAMS; OCCUPATIONAL INFORMATION; *JOB TRAINING; CAREER PLANNING; PROGRAM DEVELOPMENT; ADULT EDUCATION; DIFFERENTIATED STAFFS; *GUIDELINES; *SUPPLEMENTARY EDUCATIONAL CENTERS; FACILITY REQUIREMENTS; *COMPENSATORY EDUCATION PROGRAMS

ABSTRACT - A metropolitan area with diversified employment opportunities for trained personnel and an increasingly high rate of employment provides the proper setting for a Career Center. By serving youths and adults through occupational exploration, preparation for entry employment and continuing education, such a Center plays an important role in supporting and supplementing already existing occupational programs. Thus it is proposed that the Capital Area Career Center should be operated by the Ingham Intermediate District and should be responsive to all the people and all the agencies. It is further proposed that the Center should operate a secondary program, an out-of-school youth program, and an adult program as well as provide student services and job placement. Other provisions included in these guidelines are the design of the

instructional system, the staffing requirement, and the space requirement. (JS)

VT 011 894 ED 043 774
PERRYMAN, BRUCE C.
FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.

WYOMING RESEARCH COORDINATING UNIT IN VOCATIONAL-TECHNICAL EDUCATION, CHEYENNE.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS. OEG-4-6062729-2083 08
BR-6-2729
STATE DEPARTMENT OF EDUCATION, OCCUPATIONAL EDUCATION SECTION, RESEARCH COORDINATING UNIT, CHEYENNE, WYOMING
PUB DATE - SEP 70 110P.

DESCRIPTORS - CAREER PLANNING; *COMPREHENSIVE PROGRAMS; COOPERATIVE EDUCATION; *EDUCATIONAL PLANNING; *EDUCATION SERVICE CENTERS; MODELS; *RESOURCE ALLOCATIONS; *VOCATIONAL EDUCATION

ABSTRACT - A STATEWIDE PLAN FOR EDUCATIONAL PROGRAMS ENCOURAGES COORDINATION OF EFFORTS AND EFFECTIVE ALLOCATION OF RESOURCES. THUS, THE PURPOSE OF THIS STUDY WAS TO INVESTIGATE THE FACTORS GOVERNING: (1) THE ESTABLISHMENT AND OPERATION OF COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING, (2) THE EXTENT OF SUCH PROGRAMS, (3) THEIR PURPOSES, ENROLLMENT, ORGANIZATION, AND FINANCING, AND (4) THE APPLICATION OF THESE DATA TO THE STATE OF WYOMING. TO FACILITATE THIS INVESTIGATION A COMPARISON WAS MADE BETWEEN A CRITERIA MODEL, DEVELOPED FROM A NATIONAL STUDY, AND A PROFILE FOR WYOMING. USING DATA OBTAINED FROM THE STATE DEPARTMENT OF EDUCATION, THE COMPARISON LED TO THESE FOUR BROAD RECOMMENDATIONS: (1) THAT THE STATE BE DIVIDED INTO 12 CONTIGUOUS GEOGRAPHIC COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS, (2) THAT EACH OF THE 12 AREAS SHOULD ALSO SERVE AS A BASIS FOR OCCUPATIONAL PLANNING FOR GRADES K-16, (3) THAT COOPERATIVE RELATIONSHIPS LEADING TO MORE EFFECTIVE COORDINATION OF RESOURCES BE ENCOURAGED, AND (4) THAT A PLANNED SCOPE OF WORK ENCOMPASSING THE NECESSARY STUDIES TO BE CONDUCTED BE TAKEN UP AS A MEASURE TO INSURE THE COLLECTION OF FACTUAL DATA NEEDED FOR EFFECTIVE PLANNING. (AUTHOR/JS)

VT 011 908
First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.

Texas Advisory Council for Technical-Vocational Education, Austin.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 1Sep70 51p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *EDUCATIONAL NEEDS; *PROGRAM DEVELOPMENT; *PROGRAM COORDINATION; FINANCIAL SUPPORT; INFORMATION NEEDS; AREA VOCATIONAL SCHOOLS

ABSTRACT - In accordance with federal rules and regulations, the Advisory Council for Technical-Vocational Education evaluated the State's vocational education program and in turn made certain recommendations pertaining to that program. As a result of the evaluation the Council concluded that: (1) a balance must be established between vocational education and general education, (2) there is an apparent need for developing an information system, (3) adequate financial support from all levels must be forthcoming, and (4) there must be a coordination of resources to avoid duplication of efforts. These conclusions are supported in part by Advisory Council studies, by Advisory Council responses to evaluation questions of the Office of Education, and by the Council's 12 recommendations regarding vocational education. The 12 recommendations refer to more specific problems, such as the need for area vocational schools. (JS)

VT 011 910 ED 043 775
BRANDON, GEORGE L., ED.
RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-2-7-070633 08
BR-7-0633
AMERICAN VOCATIONAL JOURNAL; V45 N7 P41-56 OCT 1970
PUB DATE - OCT 70 16P.

DESCRIPTORS - BIBLIOGRAPHIC CITATIONS; COMPREHENSIVE PROGRAMS; EDUCATIONAL EQUIPMENT; EDUCATIONAL FACILITIES; *EDUCATIONAL PROGRAMS; EMPLOYER ATTITUDES; INSTRUCTIONAL

MATERIALS; LEADERSHIP TRAINING; MILITARY TRAINING; PROGRAM EVALUATION; *PROGRAM IMPROVEMENT; PROGRAM PLANNING; *RESEARCH REVIEWS (PUBLICATIONS); *TEACHER IMPROVEMENT; TEACHING TECHNIQUES; TECHNICAL EDUCATION; *VOCATIONAL EDUCATION

ABSTRACT - THE 14 RESEARCH REVIEWS PERTAINING TO IMPROVING VOCATIONAL EDUCATION ARE ORGANIZED UNDER THESE TOPICS: (1) TRAINING OF EDUCATIONAL PERSONNEL, WHICH REVIEWS SIMULATION AND OTHER TECHNIQUES FOR DEVELOPING LEADERSHIP, FACILITIES AND EQUIPMENT FOR A COMPREHENSIVE PROGRAM, A NATIONAL CONFERENCE ON POSTSECONDARY PROGRAMS, DEVELOPMENT OF TEACHER COMPETENCIES IN HEALTH OCCUPATIONS PROGRAMS, PROJECT METHOD IN DISTRIBUTIVE EDUCATION, AND PROGRAM PLANNING, BUDGETING, AND EVALUATION, AND (2) CURRICULUM AND CLASSROOM TECHNIQUE, WHICH REVIEWS TEACHER USE OF INSTRUCTIONAL RESOURCES, MILITARY TECHNICAL TRAINING, EMPLOYERS' ATTITUDE TOWARD OCCUPATIONAL EDUCATION, SUB-PROFESSIONAL PERSONNEL IN HEALTH SERVICES, AND MICRO-TEACHING AND VIDEO RECORDING. "PLAIN TALK," A CONTINUING COLUMN BY THE EDITOR, DISCUSSES THE NECESSITY OF PROGRAM IMPROVEMENT THROUGH EVALUATION OF GOALS AND IMPLICATIONS OF ECONOMY PROJECTIONS TO VOCATIONAL EDUCATION. AN ADDITIONAL 27 STUDIES AND ORDERING INFORMATION ARE INCLUDED IN THE BIBLIOGRAPHY. (SB)

VT 011 942 ED 043 779

NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-2-7-070348-2698 08
BR-7-0348

PUB DATE - 70 84P.

DESCRIPTORS - *ACADEMIC STANDARDS; *ACCREDITATION (INSTITUTIONS); *CONFERENCE REPORTS; EDUCATIONAL PROBLEMS; JUNIOR COLLEGES; NATIONAL PROGRAMS; *POSTSECONDARY EDUCATION; PRIVATE AGENCIES; REGIONAL PROGRAMS; STATE PROGRAMS; *VOCATIONAL EDUCATION

ABSTRACT - A NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY VOCATIONAL EDUCATION PROGRAMS ATTENDED BY 109 VOCATIONAL EDUCATORS, WAS HELD TO BRIDGE THE GAP BETWEEN THE ACCREDITING AGENCIES AND VOCATIONAL EDUCATORS, PROVIDE FOR UNDERSTANDING OF THE PRESENT STATE OF ACCREDITATION, AND PROVIDE A FORUM FOR THE IDENTIFICATION, DISCUSSION, AND RECOMMENDATION OF SOLUTIONS TO ACCREDITATION PROBLEMS. HIGHLIGHTS FROM THESE PRESENTATIONS ARE INCLUDED: (1) "THE CONTINUING NEED FOR NONGOVERNMENTAL ACCREDITATION" BY F.G. DICKEY, (2) "THE CURRENT STATE OF ACCREDITATION OF POSTSECONDARY OCCUPATIONAL EDUCATION IN THE UNITED STATES" BY C.F. WARD, (3) "SPECIALIZED ACCREDITING AGENCY ACTIVITIES IN OCCUPATIONAL EDUCATION" BY J.W. MILLER, (4) "THE COMMUNITY JUNIOR COLLEGE APPROACH TO SPECIALIZED PROGRAM ACCREDITATION" BY K.G. SKAGGS, (5) "THE AMERICAN VOCATIONAL ASSOCIATION AND THE DEVELOPMENT OF STANDARDS FOR OCCUPATIONAL EDUCATION" BY L.C. ASH, (6) "ACCREDITATION OF POSTSECONDARY OCCUPATIONAL EDUCATION IN PERSPECTIVE: ISSUES AND ALTERNATIVES" BY W.K. SELDEN, (7) "A HOLISTIC APPROACH TO EVALUATING OCCUPATIONAL EDUCATION WITH IMPLICATIONS FOR ACCREDITATION" BY J.K. COSTER AND R.L. MORGAN, AND (8) PANEL DISCUSSIONS OF ACTIVITIES, REGIONAL ACCREDITING ASSOCIATIONS, AND ACCREDITATION PERSPECTIVES AT THE LOCAL, STATE, REGIONAL, AND NATIONAL LEVELS. (SB)

VT 011 943 ED 043 780

MATTHEWS, JOSEPH C., JR.

A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29 OEC-5-85-107 08
BR-5-1005

PUB DATE - 70 76P.

DESCRIPTORS - ADVISORY COMMITTEES; COMMUNITY COLLEGES; ECONOMIC FACTORS; FOLLOWUP STUDIES; *INFORMATION DISSEMINATION; JOB PLACEMENT; MANPOWER NEEDS; *POST SECONDARY EDUCATION; *PROGRAM ADMINISTRATION; *PROGRAM EVALUATION; PROGRAM IMPROVEMENT; *VOCATIONAL EDUCATION

ABSTRACT - TO IDENTIFY MAJOR INFORMATION EXCHANGE PROBLEMS EXPERIENCED BY PROGRAM ADMINISTRATORS, DESCRIBE AND GRAPHICALLY MODEL A REPRESENTATIVE POSTSECONDARY SYSTEM, AND RECOMMEND ORGANIZATIONAL AND PROCEDURAL CHANGES, INTERVIEWS WERE HELD WITH THE PRESIDENT OR PROGRAM ADMINISTRATORS IN 50 INSTITUTIONS OPERATED UNDER THE NORTH CAROLINA DEPARTMENT OF COMMUNITY COLLEGES. THE INTERVIEW QUESTIONNAIRE SOUGHT INFORMATION ON DISSEMINATION ACTIVITIES, JOB PLACEMENT AND FOLLOWUP INQUIRIES, AREA ECONOMIC DATA, USE OF SECONDARY DATA SOURCES, COLLECTION OF PLANNING INFORMATION, ADVISORY COMMITTEES, AND DEVELOPMENT OF CAPABILITIES FOR PROGRAM-RELATED RESEARCH AND

CENTRALIZED INFORMATION MANAGEMENT. IT WAS CONCLUDED THAT GROWTH IN OVERALL ENROLLMENT HAS BEEN INDICATIVE OF EFFECTIVE DISSEMINATION OF PROGRAM INFORMATION. THE LEVEL AND DIVERSITY OF PROGRAM ACTIVITY SUPPORTS AN OPINION THAT ACCOMPLISHMENTS MAY BE SUBSTANTIAL. HOWEVER, PERIODIC EVALUATIONS HAVE BEEN MADE LARGELY IN TERMS OF PROGRAM CHARACTERISTICS, AND THEY PROVIDE AN INADEQUATE BASIS FOR ESTIMATING THE EXTENT TO WHICH PROGRAMS HAVE CONTRIBUTED TO CLOSING GAPS BETWEEN MANPOWER NEEDS AND OUTPUTS. SEVERAL RECOMMENDATIONS ARE INCLUDED. (AUTHOR/SB)

VT 011 957
Operational Policies of the Committee on Occupational Education.

Southern Association of Colleges and Schools, Atlanta, Ga. Committee on Occupational Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Dec69 16p.

DESCRIPTORS - *ACCREDITATION (INSTITUTIONS); *PROGRAM IMPROVEMENT; *STANDARDS; VOCATIONAL EDUCATION; PROGRAM EVALUATION; ADVISORY COMMITTEES; *EDUCATIONAL POLICIES; *COMMITTEES

ABSTRACT - Realizing that the continued industrial development of the South requires quality occupational education, the Southern Association of Colleges and Schools has taken steps to improve such education as offered by non-member institutions. Thus, the Committee on Occupational Education was established to develop tentative standards and criteria for the evaluation of occupational education in these institutions. Other actions taken to improve the quality of these programs include the creation of: (1) The Executive Committee on Occupational Education, (2) advisory committees, and (3) standing committees. Procedures were also outlined concerning (1) finances, (2) staff responsibilities, (3) meetings, and (4) revision policies. Administrators and program supervisors should find this document of special interest in their efforts to improve the quality of occupational education. A related document is available as VT 011 959 (also in this issue). (JS)

VT 011 964 ED 043 784
STALEY, EUGENE
PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEC-4-7062597-1654 24
OET-1 BR-6-2597
PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305
PUB DATE - 68 148P.

DESCRIPTORS - CONCEPTUAL SCHEMES; CURRICULUM DESIGN; CURRICULUM DEVELOPMENT; *DEVELOPED NATIONS; *DEVELOPING NATIONS; EDUCATIONAL FINANCE; EDUCATIONAL NEEDS; *EDUCATIONAL PROGRAMS; MANPOWER NEEDS; PROGRAM COSTS; PROGRAM DEVELOPMENT; *PROGRAM PLANNING; *VOCATIONAL EDUCATION

ABSTRACT - THIS STUDY OFFERS A CONCEPTUAL FRAMEWORK FOR PREPARING PEOPLE FOR ADEQUATE PERFORMANCE OF OCCUPATIONAL ROLES, AN ANALYSIS OF KEY ISSUES, AND INFORMATION ON EXPERIENCES AND CURRENT PRACTICES IN THE FIELD. THE MAIN FEATURES OF THE CONCEPTUAL FRAMEWORK INCLUDE GENERAL EDUCATION, GENERAL PLUS PRE-OCCUPATIONAL EDUCATION, JOB-ENTRY TRAINING PLUS FURTHER EDUCATION, AND CAREER-LONG FURTHER TRAINING AND RETRAINING PLUS FURTHER EDUCATION. THE LOGICAL STARTING POINT FOR PLANNING A DEVELOPING COUNTRY'S OCCUPATIONAL EDUCATION AND TRAINING SYSTEM IS ANALYSIS OF ITS EMERGING NEEDS FOR QUALIFIED PERSONNEL. AN INTEGRATED PLANNING APPROACH BEGINS BY SURVEYING THE COUNTRY'S ACTIVITIES THAT WILL REQUIRE QUALIFIED PERSONNEL AND PROCEEDS TO THE NEEDS OF EACH SECTOR AND ULTIMATELY TO EACH EMPLOYING ESTABLISHMENT. ONCE THE PLANNER HAS A FAIRLY CLEAR IDEA OF THE KINDS OF QUALIFICATIONS NEEDED, THE CURRICULUM CONTENT MUST BE DETERMINED. NEXT, THE PLANNER MUST CONSIDER THE INSTITUTIONS AVAILABLE AND WAYS TO LINK THE FORMAL EDUCATION SYSTEM AND THE EMPLOYMENT SYSTEM. FINALLY, THE OVER-ALL PLANNING, COORDINATING AND FINANCING OF THE TRAINING SYSTEM MUST BE CONSIDERED. (SB)

VT 011 966 ED 043 786
AL-BUKHARI, NAJATI MOHAMMED AMIN
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$9.87 OEC-4-7-062597-1654 24

BR-6-2597
PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305
PUB DATE - 68 127P.

DESCRIPTORS - CONTINUATION EDUCATION; COST EFFECTIVENESS; DROPOUT REHABILITATION; EDUCATIONAL FINANCE; *EDUCATIONAL PROGRAMS; EXPENDITURE PER STUDENT; FOLLOWUP STUDIES; *FOREIGN COUNTRIES; GRADUATE SURVEYS; JOB TRAINING; *MANPOWER NEEDS; ON THE JOB TRAINING; PROGRAM EFFECTIVENESS; *PROGRAM EVALUATION; SECONDARY EDUCATION; *TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - *TUNISIA

ABSTRACT - TO INVESTIGATE AND ANALYZE THE ROLE PLAYED BY THE INDUSTRIAL SECTIONS OF THE EDUCATIONAL, INTERVENING, AND EMPLOYMENT TRAINING SYSTEMS IN MEETING MANPOWER NEEDS AND TO DETERMINE OUTPUT AND COSTS OF THESE SYSTEMS, INTERVIEWS WERE HELD WITH EMPLOYMENT OFFICIALS, EDUCATORS, AND RECRUITMENT AND TRAINING OFFICERS TO OBTAIN INFORMATION CONCERNING THEIR ACTIVITIES. IN ADDITION, STRUCTURED INTERVIEWS WERE HELD WITH 243 WORKERS TO DETERMINE TRAINING HISTORY. FINDINGS REVEALED THAT THE INTERVENING SYSTEM ACTS AS A LINK BETWEEN THE GRADUATES AND DROPOUTS OF THE EDUCATIONAL AND EMPLOYMENT SYSTEMS. THERE IS A TREND TOWARD TRANSFERRING THE TRAINING ACTIVITIES OF THE INTERVENING SYSTEM TO THE EMPLOYMENT SYSTEM. UTILIZATION OF SCHOOL CURRICULUM IN PERFORMING CURRENT JOBS REVEALED SUBSTANTIAL DUPLICATION OF LEARNING, AND THE GENERAL THEORY COMPONENT WAS MORE USEFUL IN ACQUIRING NEW SKILLS, WHILE SPECIFIC SKILLS WERE LEAST UTILIZED IN EMPLOYMENT. THESE FINDINGS SUGGEST THAT THE EDUCATIONAL SYSTEM OF TUNISIA SHOULD PUT LESS EMPHASIS ON SPECIFIC TRAINING AND MORE EMPHASIS ON PRODUCING READILY TRAINABLE, RATHER THAN SPECIFICALLY TRAINED, PERSONS. TO REDUCE EDUCATIONAL EXPENSES, THE PROBLEM OF DROPOUTS AND REPEATERS MUST BE STUDIED, AND THE EDUCATIONAL SYSTEM SHOULD BE RELIEVED OF SPECIFIC TRAINING FUNCTIONS IN ORDER TO ELIMINATE DUPLICATE TRAINING. A RELATED DOCUMENT IS AVAILABLE AS VT 011 965. (SB)

VT 012 323
Vocational Education: The Bridge Between Man and His Work. Publication 1.

Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 111p.; Highlights and Recommendations from the General Report of the Advisory Council on Vocational Education, 1968.

DESCRIPTORS - *FEDERAL LAWS; *VOCATIONAL EDUCATION; *SOCIOECONOMIC INFLUENCES; PROGRAM DEVELOPMENT; EDUCATIONAL COORDINATION; *FEDERAL STATE RELATIONSHIP; EDUCATIONAL OPPORTUNITIES; *EDUCATIONAL OBJECTIVES; EDUCATIONAL LEGISLATION
IDENTIFIERS - *VOCATIONAL EDUCATION ACT OF 1963

ABSTRACT - This report is a summary of "Vocational Education: The Bridge Between Man and His Work. General Report," available as ED 028 267 or VT 007 877 (ARM Winter 1969). (BH)

CURRICULUM
SECTION

VT 007 242 ED 043 727
NUCKOLS, TROY E., AND OTHERS
TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.

SAN MATEO UNION HIGH SCHOOL DISTRICT, CALIF.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$6.58
PUB DATE - JUN 68 157P.

DESCRIPTORS - *BUSINESS EDUCATION; GRADING; *HIGH SCHOOL STUDENTS; *INDIVIDUALIZED CURRICULUM; *INDIVIDUALIZED INSTRUCTION; PERFORMANCE CRITERIA; *TYPEWRITING

ABSTRACT - THE PHASED TYPING PROGRAM USES INDIVIDUALIZED INSTRUCTION TO ENABLE EACH STUDENT TO ACHIEVE A LEVEL OF TYPING SKILL COMMENSURATE WITH HIS OWN MOTIVATION, ABILITY, AVAILABLE TIME, AND PERFORMANCE OBJECTIVE. FOR THE TYPICAL STUDENT THE FOUR PHASES CORRESPOND IN TIME TO FOUR SEMESTERS OF TYPEWRITING INSTRUCTION. STUDENTS WHO INTEND TO USE THE TYPEWRITER PRIMARILY FOR PERSONAL USE WOULD NORMALLY COMPLETE NO MORE THAN THE ACTIVITIES IN THE FIRST AND SECOND PHASES. THE STUDENT WORKING TOWARD DEVELOPMENT OF ENTRY LEVEL SKILLS FOR THE OFFICE OCCUPATION (SUCH AS SECRETARY, STENOGRAPHER, CLERK TYPIST, OR GENERAL OFFICE CLERK) WOULD NORMALLY COMPLETE ALL FOUR PHASES OF THE PROGRAM. THE INDIVIDUALIZED APPROACH ALLOWS A STUDENT TO COMPLETE ALL PHASES IN AS SHORT A PERIOD AS ONE SEMESTER OR AS LONG A PERIOD OF TIME AS FOUR SEMESTERS. EACH LEARNING ACTIVITY CONSISTS OF RATIONALE, GENERAL OBJECTIVE, PERFORMANCE OBJECTIVE, EXEMPTION, ACTIVITIES, AND EVALUATION. (CH)

VT 010 740
Training and Technology; Worker Training Curriculum, Phase I.

Oak Ridge Associated Universities, Tenn.
Tennessee Univ., Knoxville.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Office of Education (DHEW), Washington, D.C.
Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
MFD-4
PUB DATE - Aug69 141p.

DESCRIPTORS - *TECHNICAL EDUCATION; *DEMONSTRATION PROJECTS; *CURRICULUM; *SKILL DEVELOPMENT; JOB PLACEMENT; *TRAINING; TABLES (DATA); MATHEMATICS; COMMUNICATION (THOUGHT TRANSFER); SCIENCES; UNEMPLOYED
IDENTIFIERS - *TRAINING AND TECHNOLOGY; TAT

ABSTRACT - Eight different organizations combined their resources to organize and operate a training program for the disadvantaged and unemployed at the United States Atomic Energy Commission Plant at Oak Ridge, Tennessee. The primary objectives of the program were to prepare the unemployed or underemployed, most with high school diplomas or the equivalent, to obtain employment, to become productive a short time after employment, to advance to positions of increasing responsibility, and to grow in occupational fields. This report describes 52- and 42-week experimental curriculums which provided skill and technician training and related studies including math, science, and communications to train participants to do physical testing, mechanical engineering technology and drafting, glass fabrication, machining, welding, and electronic technology and instrument mechanics. This report treats course content and methods in general terms and is not a detailed instructional manual. Reports on individual curriculums are available as VT 010 694 (also in this issue) and VT 010 695, VT 010 716, and VT 010 717 (AIM Spring 1971). (BC)

VT 011 273
Program Services Special Needs Workshop (Nashville, Tennessee, August 26-30, 1968).

Tennessee State Board for Vocational Education, Nashville.
MF AVAILABLE IN VT-ERIC SET.
Vocational Curriculum Laboratory, Box 1114, Murfreesboro, Tennessee 37130.
PUB DATE - 68 87p.

DESCRIPTORS - *VOCATIONAL EDUCATION; WORKSHOPS; *SPECIAL EDUCATION; *CURRICULUM DEVELOPMENT; *MATERIAL DEVELOPMENT; *INSTRUCTIONAL MATERIALS; REMEDIAL INSTRUCTION; TESTING; COMMUNICATION (THOUGHT TRANSFER); EDUCATIONAL PHILOSOPHY; TEACHER ADMINISTRATOR RELATIONSHIP

ABSTRACT - A workshop on vocational-related curriculum and material development was attended by 45 instructors of special needs programs and 16 visitors. Major presentations, demonstrations, discussions, and group work focused on these topics: (1) history and development of special needs programs, (2) equipment and materials, (3) preparation and use of instructional sheets, (4) vocational philosophy, (5) vocational related remedial instruction, (6) communications, (7) testing, and (8) teacher-supervisor relations. A number of instructional sheets developed during the workshop are included. (SB)

VT 011 296
Kase, Donald H., Comp.
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business (And Other Selected Curriculum Areas) in Napa, Marin, Solano, and Sonoma Counties.

North Bay PACE Center, Napa, Calif.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb69 77p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *BEHAVIORAL OBJECTIVES; *CAREER PLANNING; SECONDARY GRADES; TRADE AND INDUSTRIAL EDUCATION; OCCUPATIONAL HOME ECONOMICS; VOCATIONAL AGRICULTURE; BUSINESS EDUCATION; HANDICAPPED; AFRICAN AMERICAN STUDIES; *RESOURCE MATERIALS
IDENTIFIERS - *ELEMENTARY SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

ABSTRACT - Developed during two workshops attended by approximately 30 teachers each, submitted to students for reaction, and revised according to these reactions, this document contains behavioral objectives for career development in the educational areas of industry and technology, home economics, agriculture, business, government, and the educationally handicapped. The workshops emphasized learning to specify objectives by considering condition, action, criterion, meaningfulness, internal consistency, priority, and rationale of the objectives. Objectives are listed under occupational topics in each area. The student reaction form and list of publications are appended. (SB)

VT 011 600 ED 042 053
DOMMER, CAROLYN
HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.

MICHIGAN STATE UNIV., EAST LANSING.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-3-7-070211-2679 08
BR-7-0211
PUB DATE - FEB 70 153P.

DESCRIPTORS - *CURRICULUM DEVELOPMENT; GUIDELINES; *HOME ECONOMICS EDUCATION; INFORMATION SEEKING; *INSTRUCTIONAL MEDIA; *OCCUPATIONAL HOME ECONOMICS; TEACHER EDUCATION; *WORK EXPERIENCE PROGRAMS

ABSTRACT - THE PASSAGE OF THE VOCATIONAL EDUCATION ACT OF 1963 BROADENED THE EMPHASIS OF HOME ECONOMICS EDUCATION TO INCLUDE THE DEVELOPMENT OF OCCUPATIONAL PROGRAMS, A TASK WHICH INVOLVED DEVELOPING CURRICULUM MODELS, INSTRUCTIONAL MATERIALS, AND TEACHER EDUCATION PROGRAMS. THE HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT SOUGHT TO EXPAND EMPLOYMENT OPPORTUNITIES VIA THE INITIATION OF NEW PROGRAMS IN LOCAL SCHOOL SETTINGS AND TO SECURE BY MEANS OF MONITORING LOCAL CLINICAL PROGRAMS, A RESERVOIR OF EXPERIENCE AND INFORMATION FROM WHICH TO GENERATE GUIDELINES FOR THE ABOVE. THE ULTIMATE OBJECTIVE OF THE PROJECT WAS TO EXTEND OPPORTUNITIES FOR OCCUPATIONAL PREPARATION TO HIGH SCHOOL STUDENTS. THE MAJOR OUTCOMES FROM THIS PROJECT ARE THE MATERIALS PREPARED AND USED IN THE ACTIVITIES, THE EDUCATIONAL GROWTH EXPERIENCE BY PROJECT PARTICIPANTS, AND THE BENEFIT TO BE DERIVED BY FUTURE PROJECTS BY THIS TYPE. RELATED DOCUMENTS ARE AVAILABLE AS ED 028 874, AND ED 016 854. (JS)

VT 011 730
Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.

American Medical Association, Chicago, Ill. Council on Medical Education.
American Occupational Therapy Association, New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Department of Allied Medical Professions and Services, American Medical Association,

535 North Dearborn Street, Chicago, Illinois 60610.
PUB DATE - Dec65 10p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *CURRICULUM PLANNING; *CURRICULUM GUIDES; *ACCREDITATION (INSTITUTIONS); ORGANIZATION; ADMINISTRATION; FACULTY; *OCCUPATIONAL THERAPY

ABSTRACT - Developed from an intensive nationwide study of curriculum and measured against current clinical practices and stated ideals, these recommendations of current standards for accreditation were developed by the American Occupational Therapy Association. In addition to suggestions on using the guide, topics include accreditation, faculty, curriculum, and organization and administration. (GB)

VT 011 780 ED 043 759
SMITH, BRANDON B.
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.

WISCONSIN UNIV., MADISON.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - NOV 68 7P.; PRESENTED AT A NORTH CENTRAL REGIONAL CONFERENCE OF RCU DIRECTORS

DESCRIPTORS - *BIBLIOGRAPHIES; *CURRICULUM DEVELOPMENT; EDUCATIONAL NEEDS; *EDUCATIONAL RESEARCH; MEASUREMENT; REHABILITATION; RESOURCE MATERIALS; *SOCIAL STUDIES; TECHNICAL EDUCATION; *VOCATIONAL EDUCATION

ABSTRACT - THIS BIBLIOGRAPHY PRESENTS 72 CITATIONS RANGING IN DATE FROM 1958 TO 1968 AND INCLUDES PERIODICAL ARTICLES, UNIVERSITY PUBLICATIONS, AND RESEARCH REPORTS. LISTINGS ARE ARRANGED BY AUTHOR IN THREE GROUPS WHICH ARE: (1) SOCIOLOGICAL AND PSYCHOLOGICAL FOUNDATIONS FOR IDENTIFYING SOURCES AND TYPES OF SOCIETAL INFORMATION, (2) METHODOLOGIES FOR VOCATIONAL EDUCATION CURRICULUM DEVELOPMENT: IMPLICATIONS FOR DIFFERENT SOCIAL AND PHILOSOPHIC FOUNDATIONS, AND (3) MEASURES OF PSYCHO-SOCIAL NEEDS, SATISFACTIONS AND SATISFACTORINESS: VOCATIONAL REHABILITATION. INDIVIDUAL ENTRIES INCLUDE AUTHOR, TITLE, PUBLISHER, AND DATE. THIS BIBLIOGRAPHY SHOULD BE OF INTEREST TO CURRICULUM SPECIALISTS AND PROGRAM DIRECTORS. (JS)

VT 012 164
Pautler, Albert J.
Occupational Preparation, K-12 and Beyond.

New Jersey School Board Association.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 29Oct70 14p.; Presented at New Jersey School Board Association Workshop (Atlantic City, Oct. 29, 1970).

DESCRIPTORS - *VOCATIONAL EDUCATION; *CURRICULUM DEVELOPMENT; *ELEMENTARY GRADES; *SECONDARY GRADES; *SPEECHES; BOARDS OF EDUCATION; EDUCATIONAL OBJECTIVES; EDUCATIONAL PROGRAMS; BOARD OF EDUCATION ROLE

ABSTRACT - Occupational education is defined as education geared to the preparation of youth and adults for meaningful employment in the world of work. In order to have meaningful curriculum development in occupational education, it is essential that educational objectives be stated. The occupational education program should be guided in writing objectives both by educational considerations and the pressures, needs, and skills required by a modern industrial society. A good secondary level program should be based on a firm elementary and middle school program of an exploratory type. Some outstanding elementary programs include the Technology for Children Project (New Jersey), Elementary Industrial Arts Project (North Carolina), and the Industrial Arts Center Concept (Pennsylvania), while some middle school programs include Introduction to Vocations (New Jersey), The Maryland Plan, The Georgia Plan for Industrial Arts, and Industrial Arts Curriculum Project (The Ohio State University). Members of vocational school boards should consider the need for a well stated school philosophy and objectives, built-in evaluation system, realistic entrance requirements, and cooperation with otheR school boards so that a good elementary and middle school program supports the seccndary programs. (SB)

EMPLOYMENT AND OCCUPATIONS SECTION

VT 003 298 ED 043 726
MYERS, JOHN G.; CREAMER, DANIEL
MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.

NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., NEW YORK, N.Y.
FORD FOUNDATION, NEW YORK, N.Y.
EDRS PRICE MF-$0.65 HC-$9.87
NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., 845 THIRD AVENUE, NEW YORK, NEW YORK 10022
PUB DATE - 67 297P.

DESCRIPTORS - EMPLOYMENT LEVEL; *EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; EVALUATION METHODS; FEASIBILITY STUDIES; LABOR FORCE; *LABOR MARKET; *MANPOWER UTILIZATION; MEASUREMENT TECHNIQUES; *OCCUPATIONAL SURVEYS; POPULATION TRENDS; *RESEARCH DESIGN; UNEMPLOYMENT
IDENTIFIERS - NEW YORK; ROCHESTER

ABSTRACT - PREVIOUS STUDIES OF MEASUREMENT OF EMPLOYMENT AND UNEMPLOYMENT HAVE BEEN CONDUCTED, BUT A SIMILAR STATISTICAL PROGRAM ON JOB VACANCIES COULD PROVIDE A MORE COMPLETE AND ACCURATE INSIGHT INTO THE CONDITION OF THE LABOR MARKET FOR EMPLOYERS, PLACEMENT AGENCIES, COUNSELORS, AND VOCATIONAL EDUCATION PLANNERS. THIS STUDY TESTED THE FEASIBILITY OF MEASURING JOB VACANCIES THROUGH THREE QUARTERLY SURVEYS OF SOME 400 EMPLOYERS IN THE ROCHESTER AREA IN 1965. A 99 PERCENT RESPONSE BY EMPLOYERS DEMONSTRATED THEIR WILLINGNESS TO PARTICIPATE IN A VOLUNTARY STATISTICAL REPORTING PROGRAM. THE DEFINITION OF A JOB VACANCY AS AN UNFILLED JOB THAT AN EMPLOYER IS ACTIVELY SEEKING TO FILL BY HIRING A PERSON OUTSIDE HIS ORGANIZATION WAS FOUND TO BE OPERATIONAL. MAJOR FINDINGS INCLUDED: (1) THE TOTAL ESTIMATE OF EIGHT TO NINE THOUSAND JOB VACANCIES REPRESENTED ABOUT 3 PERCENT OF ALL JOBS IN THE COUNTRY, (2) THE SAMPLE SIZE OF 400 WAS ADEQUATE TO PROVIDE RELIABLE ESTIMATES OF VACANCIES, (3) THE ESTIMATED COST OF CONTINUING QUARTERLY COLLECTION OF JOB VACANCY DATA IN 146 MAJOR METROPOLITAN AREAS OF THE U.S. WAS $8 MILLION TO $8.5 MILLION PER YEAR. (CD)

VT 003 396 ED 042 872
COHEN, WILBUR J.
WOMANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).

OFFICE OF MANPOWER POLICY, EVALUATION, AND RESEARCH (DOL), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - APR 67 46P.

DESCRIPTORS - *EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; *JOB MARKET; *LABOR FORCE; *MANPOWER UTILIZATION; SEMINARS; WOMENS EDUCATION; *WORKING WOMEN

ABSTRACT - ONE OF A SERIES OF PROCEEDINGS OF SEMINARS ON MANPOWER POLICY AND PROGRAM, THIS REPORT PRESENTS A CONDENSED TRANSCRIPT OF A SEMINAR. DR. WILBUR J. COHEN DISCUSSED WOMEN IN THE LABOR FORCE TODAY, FUTURE TRENDS IN WOMEN'S EMPLOYMENT, FUTURE DEMANDS FOR WORKERS, HEALTH PERSONNEL SHORTAGES, EDUCATIONAL OPPORTUNITIES, HOMEMAKER SERVICES NEEDED, AND INCREASED FREEDOM OF CHOICE IN THE FUTURE. SOME OF THE POINTS WERE: (1) ECONOMIC FACTORS, AMOUNT OF EDUCATION, AND AGE OF CHILDREN ARE MAJOR FACTORS WHICH INFLUENCE MARRIED WOMEN'S DECISION TO WORK, (2) OF THE TOTAL LABOR FORCE GROWTH BETWEEN 1964 AND 1980, ABOUT 21 MILLION (87 PERCENT) WILL BE DUE TO POPULATION INCREASES AND THE REMAINDER WILL BE FROM RISING LABOR FORCE PARTICIPATION RATES OF ADULT WOMEN, (3) PROFESSIONAL AND TECHNICAL WORKERS, THOSE WITH THE HIGHEST AVERAGE EDUCATIONAL ATTAINMENT, WILL BE THE FASTEST GROWING OCCUPATIONAL GROUP, (4) ACUTE HEALTH PERSONNEL SHORTAGES WILL NECESSITATE RETHINKING TRAINING AND JOB REQUIREMENTS TO ALLOW FOR UPWARD AND LATERAL MOBILITY OF PERSONNEL, (5) MORE FLEXIBLE TIME SCHEDULES IN BOTH EDUCATION AND JOBS, AND ADEQUATE CHILD-CARE AND HOMEMAKER SERVICES WOULD ALLOW MORE WOMEN TO WORK, AND (6) SKILLS AND KNOWLEDGE OF WOMEN WILL BE USED MORE CREATIVELY AND FULLY THAN EVER BEFORE. A QUESTION AND ANSWER PERIOD FOLLOWED THE ADDRESS. (CD)

VT 006 210
A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.

Wisconsin State Employment Service, Madison.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 43p.

DESCRIPTORS - *MANPOWER NEEDS; *AMERICAN INDIANS; *EMPLOYMENT; *EMPLOYMENT PROBLEMS; *EDUCATIONAL NEEDS

ABSTRACT - With the use of questionnaires to contact over 90 percent of the Indian households in the selected tribal areas, this study outlines some general characteristics of Wisconsin Tribal Indians as they relate to their employment needs. Detailed information was obtained from 2,021 individuals 16 years of age and over. About one-third of the group were Oneida Indians from Brown and Outagamie Counties. The unemployment rate was about 23 percent with considerable variation between counties. Only 20 percent of those surveyed earned over $3,000 in the past year in spite of the fact that over 40 percent worked at least 26 weeks. The largest percentage of those employed were working in manufacturing, but were primarily in low skill occupations. About 40 percent of those surveyed expressed an interest in continuing education, and 50 percent expressing an interest in vocational training. (GB)

VT 006 270
Srb, Jozetta H.
Meeting Manpower Shortages, A Review of Reported Experience.

State Univ. of New York, Ithaca. School of Industrial and Labor Relations at Cornell Univ.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep67 33p.

DESCRIPTORS - *MANPOWER NEEDS; *SKILLED WORKERS; *LABOR MARKET; EMPLOYMENT OPPORTUNITIES; *MANPOWER DEVELOPMENT; *UNEMPLOYED; INTERAGENCY COOPERATION; DISADVANTAGED GROUPS

ABSTRACT - In 1965 and 1966, manpower shortages developed in many skilled occupations. These shortages were structured rather than general, and industry was able to relieve its shortages through recruiting, lowered hiring standards, employee training, overtime, job modification, and the rearrangement of plant layout to utilize manpower more efficiently. This experience helped the hard core unemployed by promoting cooperation between government and industry in providing training programs. (BH)

VT 006 312
Summary of Employment Security Statistical Reports.

Bureau of Employment Security (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug67 74p.

DESCRIPTORS - *EMPLOYMENT SERVICES; *ECONOMIC RESEARCH; *REPORTS; *STATISTICAL DATA; *STATE SURVEYS; STATISTICAL STUDIES; EMPLOYMENT STATISTICS

ABSTRACT - This document summarizes as of March 31, 1967, the statistical reporting programs of the Bureau of Employment Security. Each of the 47 summarized reports includes title, major contents, primary uses of data, and where the collected data are published. Also, an index lists alphabetically, by report number, the subject matter covered in the various statistical reports. (GB)

VT 007 815 ED 042 873
TRANSFERRING MILITARY EXPERIENCE TO CIVILIAN JOBS. A STUDY OF SELECTED AIR FORCE VETERANS. MANPOWER/AUTOMATION RESEARCH MONOGRAPH NO. 8.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
MANPOWER ADMINISTRATION, U.S. DEPARTMENT OF LABOR, 14TH STREET AND CONSTITUTION AVENUE, N.W., WASHINGTON, D.C. 20210
PUB DATE - OCT 68 38P.

DESCRIPTORS - CAREER PLANNING; *JOB SKILLS; *MILITARY TRAINING; *OCCUPATIONAL SURVEYS; PROFESSIONAL OCCUPATIONS; PROFILE EVALUATION; QUESTIONNAIRES; SEMISKILLED OCCUPATIONS; TECHNICAL OCCUPATIONS; *TRANSFER OF TRAINING

ABSTRACT - WHILE MOST SERVICEMEN HAVE NO TROUBLE FINDING EMPLOYMENT IN THE CURRENT BOOMING JOB MARKET, THEY OFTEN FIND THEMSELVES TAKING JOBS BENEATH THEIR HIGHEST SKILL LEVELS, A LOSS NOT ONLY TO THEM BUT TO THEIR EMPLOYERS. THOSE WHOSE MILITARY SERVICE WAS IN NON-TECHNICAL JOBS OFTEN CAN FIND JOBS ONLY AT THE BEGINNERS LEVEL AND EVEN THOSE MAY BE HARD TO COME BY. THIS DOCTORAL STUDY INVESTIGATED THE EXTENT TO WHICH MILITARY EXPERIENCE CONTRIBUTED TO THE QUALIFICATIONS OF THE CIVILIAN APPLICANT AND HELPED HIM GET THE JOB, AND THE CONTRIBUTION HIS SKILLS MADE TO THE ACTUAL PERFORMANCE OF THE JOB ONCE HIRED. OF THE OFFICERS QUESTIONED, 64 PERCENT SAID THAT THEIR MILITARY SERVICE HAD HELPED "SOMEWHAT" OR "A GREAT DEAL" WHILE 13 PERCENT FELT THAT IT HAD BEEN OF "NO HELP" OR A "HINDRANCE." OF THE CRAFTS GROUP OF ENLISTED MEN, 30 PERCENT REPORTED

IT HAD "HELPED A GREAT DEAL." APPROXIMATELY 40 PERCENT OF BOTH OFFICERS AND ENLISTED MEN SAID THERE WAS NO NEED FOR THE MILITARY TRAINING AND EXPERIENCE IN THE PERFORMANCE OF THEIR JOBS. COPIES OF THE FULL DISSERTATION UPON WHICH THIS REPORT IS BASED ARE AVAILABLE AS PB 177 372 FROM THE CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL EDUCATION, SPRINGFIELD, VIRGINIA 22151. (CH)

VT 009 276
Joesting, Harriette
Nursing in Hawaii, 1968. Report No. 4.

Hawaii Univ., Honolulu. Legislative Reference Bureau.
MF AVAILABLE IN VT-ERIC SET.
Legislative Reference Bureau, University of Hawaii, 2425 Campus Road, Honolulu, Hawaii 96822 ($1.00).
PUB DATE - 69 57p.

DESCRIPTORS - *HEALTH OCCUPATIONS; *HEALTH OCCUPATIONS EDUCATION; *NURSING; NURSES; GERIATRICS; NURSES AIDES; EMPLOYMENT STATISTICS; *MANPOWER NEEDS; RURAL AREAS; COSTS; FEDERAL LEGISLATION; PROFESSIONAL EDUCATION; NATIONAL ORGANIZATIONS
IDENTIFIERS - *HAWAII

ABSTRACT - A House Resolution calling attention to national shortages of nurses and to the particular need for nursing personnel to care for the increasing number of aged persons in Hawaii was the impetus for this study. The report, presented in four chapters, first discusses health service pressures, health manpower, rising medical costs, and health indices. "Nursing Personnel and Nursing Education" discusses the various levels of nursing education and the part played on nursing education by nursing organizations, the Surgeon General's Consultant Group report, and federal legislation. "Nursing Population" presents information on nursing personnel presently employed and those needed. The final chapter concludes that the presently projected number of Hawaii nursing school graduates and nurses coming from other places will probably adequately fill the near term nursing needs of the state. However, Hawaii must give attention to offering adequate training opportunities to train local residents. While a serious shortage of nurses does not exist in the state as a whole, shortages do exist in rural areas. Recommendations include making part-time work available, making working conditions comparable to other areas of the labor market, and relating pay rates to level of preparation. (JK)

VT 009 540
Taylor, Kenneth E.; Weiss, David J.
Prediction of Individual Job Turnover From Measured Job Satisfaction, and Supplementary Tables. Research Report No. 22.

Minnesota Univ., Minneapolis.
Social and Rehabilitation Service (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Work Adjustment Project, University of Minnesota, 447 B.A. Building, Minneapolis, Minnesota 55455 (no charge).
PUB DATE - Sep69 14p.; Paper presented at the Annual Meeting of the American Psychological Association (7th, Sept. 3, 1969).

DESCRIPTORS - *JOB SATISFACTION; *CAREER CHANGE; *LABOR TURNOVER; TABLES (DATA); *JOB TENURE

ABSTRACT - To provide a test of the relationship between satisfaction and job termination, the Minnesota Satisfaction Questionnaire (MSQ) was administered to a group of 475 employees of a discount store chain. After a lapse of 1 year, personnel records indicated that about 20 percent of the sample had terminated. "Leavers" were significantly less satisfied on 10 of the 27 MSQ scales. A discriminant function using MSQ scores as predictors was developed on one group of the employees and applied to a cross-validation group. There was a significant relationship between predicted and actual termination for both the development and cross-validation groups. Supplementary tables accompany the document. (AUTHOR/SB)

VT 009 570
Griew, Stephen; Philipp, Eileen
Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry. Research Paper No. 12.

New Zealand Inst. of Economic Research, Inc.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 74p.

DESCRIPTORS - *MANPOWER UTILIZATION; *EMPLOYEE ATTITUDES; *SKILLED WORKERS; *SEMISKILLED WORKERS; *UNSKILLED WORKERS; WORKING HOURS; WORK ATTITUDES; FOREIGN COUNTRIES; MALES; FEMALES; IMMIGRANTS; BIBLIOGRAPHIC CITATIONS; TABLES (DATA)
IDENTIFIERS - *NEW ZEALAND

ABSTRACT - The acceptability of shiftwork to industrial workers in New Zealand's labor force was investigated. Data were collected by a 12-factor questionnaire which covered prospects of promotion, type of work, the firm's reputation, fellow workers, foremen and supervisors, security of employment, night work, pay, extra benefits, working conditions and surroundings, hours of work, and shiftwork. The sample consisted of 2,657 employees (2,082 males and 575 females) of 124 manufacturing establishments representing all types of manufacturing industry. Because of the greater relevance which night work and shift work has for skilled, semiskilled, and unskilled workers, detailed differential analysis was made of the responses from 1,314 male workers in these categories according to age, marital status, number of dependents, origin, job stability, region, and the existence of full or modified shiftwork in the firm of present employment. The findings include: (1) Acceptability decreases sharply with advancing age, (2) Marriage does not appear to be a strong determinant of negative attitude, (3) Regional differences do not appear to exist, (4) Native-born New Zealanders and immigrants do not differ significantly, and (5) The practice of shift work and night work is quite likely to enhance their acceptability. (CH)

VT 009 598
Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods: Broadway, Hillside, Methodist.

Indiana Employment Security Div., Indianapolis. Research and Statistics Section.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan69 41p.; Results of a household survey conducted during summer 1968.

DESCRIPTORS - *LABOR FORCE; *OCCUPATIONAL SURVEYS; *UNEMPLOYMENT; *DEPRESSED AREAS (GEOGRAPHIC); LOW INCOME COUNTIES; *METROPOLITAN AREAS; TABLES (DATA); CULTURALLY DISADVANTAGED; DROPOUTS; NEGROES; CAUCASIANS; MALES; FEMALES; YOUTH

ABSTRACT - To provide accurate information about the number and characteristics of the unemployed in the disadvantaged areas of the Indianapolis Metropolitan Area, the Mayor's Task Force and the local Employment Security Office conducted a household survey for Broadway, Hillside, and Methodist Counties in the Summer of 1968. The three neighborhoods had much higher unemployment rates than the eight-county Indianapolis Standard Metropolitan Statistical Area and most of the unemployed were Negroes. The unemployment rate for women was twice that for men and the highest jobless rate was found among youth. Over one-half of the unemployed were high school dropouts. Seven tables and a description of methodology and survey procedures are appended. (BC)

VT 009 601
Manpower Horizons '75.

Nevada State Employment Security Dept., Carson City. Manpower Information and Research Section.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul68 34p.

DESCRIPTORS - *MANPOWER NEEDS; *EMPLOYMENT PROJECTIONS; *INDUSTRIAL STRUCTURE; *OCCUPATIONS; *LABOR FORCE; WORKING WOMEN; GEOGRAPHIC DISTRIBUTION; POPULATION GROWTH; EMPLOYMENT TRENDS
IDENTIFIERS - *NEVADA

ABSTRACT - Manpower data, presented by graphs and charts, examines projections of employment to 1975 by industry and by occupation with additional breakdowns showing geographic variances and female employment. These estimates are based primarily on data collected from non-agricultural establishments. Employment by occupational categories and female employment sample data were stratified by industrial activity, geographic location, and size of firm. The 1967 "Standard Industrial Classification Manual" was used to classify firms by industry, while the third edition of the "Dictionary of Occupational Titles" was used as the standard for classifying occupations. A highlight of the findings is that by 1975 employment in Nevada is expected to increase by 27 percent as compared to an estimated national gain of 15 percent. (CH)

VT 009 633
Klepp, Erik
Technological Changes in Sawmill Occupations.

Washington State Employment Security Dept., Olympia.
MF AVAILABLE IN VT-ERIC SET.
Washington State Employment Service, P.O. Box 367, Olympia, Washington 98501 (no charge).
PUB DATE - Jul68 48p.

DESCRIPTORS - *LUMBER INDUSTRY; *FORESTRY OCCUPATIONS; *OCCUPATIONAL INFORMATION; VOCATIONAL EDUCATION; *TECHNOLOGICAL ADVANCEMENT; PHOTOGRAPHS

ABSTRACT - The machinery, equipment and processes used today are described for such typical sawmill and planing mill operations as log handling, sawmill (including the headsaw, edger, trimsaw and resaw), greenchain, dry kiln, planer mill, waste recovery, shipping methods, and specialty products. Photographic illustrations accompany descriptions of these operations. Appended are schematic illustrations, flow chart, list of job titles, and job descriptions for 28 sawmill occupations. (GR)

VT 009 804
Manpower Outlook '80: Arizona Agriculture. Research and Information Series No. MNP-1-68.

Arizona State Employment Security Commission, Phoenix. State Employment Service.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov68 45p.

DESCRIPTORS - *AGRICULTURE; *MANPOWER NEEDS; *MANPOWER UTILIZATION; *ECONOMIC FACTORS; ECONOMIC CHANGE; *STATE SURVEYS; EMPLOYMENT PROJECTIONS; POPULATION TRENDS; AGRICULTURAL OCCUPATIONS; MIGRANT WORKERS; AUTOMATION
IDENTIFIERS - ARIZONA

ABSTRACT - Agricultural manpower needs for Arizona in the 1980's were derived by relating agricultural data to past and present manpower uses. While agriculture has been a principal sector in Arizona's economic base, changes in the economic structure have occurred as a result of increased output from manufacturing, mining, and tourism. Rising costs, urban expansion, and a trend toward larger producing units have served to decrease the number of farms during a period in which total agricultural income has been steadily rising. The regular hired agricultural work force has increased relative to the total agricultural work force; however, the number of seasonal workers has sharply declined because of the mechanization of the production process. Mechanization will also influence the number and type of regular hired workers in the future. Production agriculture will require a more highly skilled individual, capable of successfully accomplishing varied agricultural tasks. Data depicting the principal trends and projections are presented in tabular form. (CH)

VT 009 885
Spiegel, Jeanne
Working Mothers: A Selected Annotated Bibliography.

Business and Professional Women's Foundation, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Business and Professional Women's Foundation, 2012 Massachusetts Avenue, N.W., Washington, D.C. 20036 (single copies without charge).
PUB DATE - 68 28p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *WORKING WOMEN; *MOTHERS
IDENTIFIERS - *BUSINESS AND PROFESSIONAL WOMENS FOUNDATION

ABSTRACT - In keeping with the purposes of the Foundation--to conduct and support research on the economic, social, and psychological challenges confronting women; to further the development of the capabilities of women; to provide scholarships; and to prepare, publish, and make available to the public material on women--this annotated bibliography is intended for the use of mothers working or contemplating work outside the home and for the use of researchers in the field. Seventy-eight entries published within the last 10 years are arranged under the classifications of: (1) books, reports, and pamphlets, (2) periodicals, and (3) microfilms and tape recordings. (JK)

VT 009 892
Occupational Profile; City of San Francisco.

California State Dept. of Employment, Sacramento. Human Relations Agency.
MF AVAILABLE IN VT-ERIC SET.
California State Department of Employment, 745 Franklin Street, San Francisco 94102.

PUB DATE - Jun69 79p.

DESCRIPTORS - *OCCUPATIONAL INFORMATION; *EMPLOYMENT OPPORTUNITIES; *EDUCATIONAL OPPORTUNITIES; *COMMUNITY SURVEYS; PROFESSIONAL OCCUPATIONS; TECHNICAL OCCUPATIONS; UNSKILLED OCCUPATIONS; CLERICAL OCCUPATIONS; SERVICE OCCUPATIONS; SALES OCCUPATIONS; BLUE COLLAR OCCUPATIONS; TRAINING; WAGES; LABOR TURNOVER; ENTRY WORKERS; DEMAND OCCUPATIONS; FRINGE BENEFITS
IDENTIFIERS - *SAN FRANCISCO

ABSTRACT - Information is presented for 70 occupations or occupational fields open to persons with a high school (or less) education. The profile includes entry-level and volume occupations where job openings are numerous either because of high turnover or the size of the occupation or both. The occupations, representing a majority of the city's skilled, semi-skilled, and unskilled jobs, over 50 percent of the clerical jobs and service occupations, and most of the volume jobs in retail trade; are grouped under the following headings: Professional and Technical Occupations, Clerical Occupations, Sales Occupations, Service Occupations, and Blue-Collar Occupations. (CH)

VT 009 947
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina. Home Economics Research Report No. 34.

Agricultural Research Service (DOA), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A1.87:34, $.25).
PUB DATE - Nov67 43p.

DESCRIPTORS - *WORKING WOMEN; *HOME MANAGEMENT; OCCUPATIONAL SURVEYS; LABOR FORCE NONPARTICIPANTS; HOUSEWIVES; *URBAN POPULATION; *RURAL POPULATION; RURAL URBAN DIFFERENCES; INCOME; *EXPENDITURES; MONEY MANAGEMENT; STATISTICAL DATA; OCCUPATIONS
IDENTIFIERS - *NORTH CAROLINA

ABSTRACT - This study is the third in a series to discover the expenses wives incur through gainful employment and how such employment affects their home management practices. Two groups, 351 urban families and 364 open country families, were surveyed with each group almost equally divided between families with employed wives and families with wives not employed. Some findings were: (1) Six out of 10 employed wives worked in operative or kindred occupations, mainly in textile mills, (2) Gross earnings of employed wives averaged $2,600 and increased the average after-tax income of the city families with employed wives from $3,930 to $6,040 and of the open country families from $3,450 to $5,570, (3) Expenses directly related to the wife's job averaged $800 for urban and $900 for open country families, (4) Extra expenditures made by employed urban wives for homemaking services averaged $384 for women with preschool children, $145 for those with school-age children, and $28 for those with all-adult households, while the corresponding expenditures of the employed open country wives were $314, $93, and $49, (5) About five out of six employed wives pooled their earnings with their husband's, in whole or in part, (6) Those who handled their earnings separately indicated that much of this money went for current living or future needs, and (7) Families with employed wives tended to use installment credit more liberally. Forty tables provide extensive statistical data. (JK)

VT 010 115
Nevada Health Manpower Program, A Report on Resources and Needs. Part I.

Nevada State Dept. of Health, Welfare and Rehabilitation, Reno. Div. of Health.
Public Health Service (DHEW), Washington, D.C. Div. of Nursing
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug68 72p.

DESCRIPTORS - *STATE SURVEYS; *MANPOWER NEEDS; *QUESTIONNAIRES; *HEALTH PERSONNEL; RECRUITMENT; RECORDS (FORMS); NURSES; REFRESHER COURSES; RETRAINING; TABLES (DATA)
IDENTIFIERS - *NEVADA

ABSTRACT - To increase the supply of health manpower in Nevada, this project was developed to examine manpower needs for health personnel by category and geographical area in Nevada, to locate inactive health personnel and encourage them to return to health services, and to promote the development of educational refresher and retraining programs for inactive health personnel. A questionnaire was developed to collect information about interest in refresher courses and about intentions to return to work and sent to nurses who had inactive status. Job descriptions of health service personnel are appended. The questionnaire for inactive nurses and comments from those questioned are also included. (BC)

VT 010 366
Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District. Report 255.

Arizona Agricultural Experiment Station, Tucson.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep69 43p.

DESCRIPTORS - *AGRICULTURAL OCCUPATIONS; *AGRICULTURAL SKILLS; OCCUPATIONAL CLUSTERS; *EMPLOYMENT OPPORTUNITIES; *EDUCATIONAL NEEDS; FARMERS; FARM MANAGEMENT; TABLES (DATA); *OCCUPATIONAL INFORMATION
IDENTIFIERS - ARIZONA

ABSTRACT - The purpose of this study was to analyze the occupational opportunities and agricultural training needed for farm employment in the Santa Cruz Valley Union High School District of Arizona. The population was limited to businesses and producers who because of name, products handled, or services provided were judged to employ workers requiring knowledge or skill in agriculture. A total of 66 farm businesses or producers employed 729 persons who were involved directly in agricultural occupations. Around 40 of these were employed in crop production only and the remainder were engaged in livestock and crops production, farm services, and agricultural processing. Average wages ranged from $315 per month for tractor operators to $486 per month for farm foremen. No specific education level was desired for tractor operators, irrigators, and farm hands. High school graduates were generally required for farm equipment mechanics, foremen, servicemen, and ginners. College degrees were required for the majority of the farm managers. (BC)

VT 010 367
Changing Patterns; A Report on the Federal Women's Program Review Seminar.

Civil Service Commission, Washington, D.C. Manpower Sources Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun69 35p.

DESCRIPTORS - *SEMINARS; *FEMALES; *EQUAL OPPORTUNITIES (JOBS); *FEDERAL PROGRAMS; *MANPOWER UTILIZATION; SPEECHES; WORKSHOPS
IDENTIFIERS - *FEDERAL WOMENS PROGRAM

ABSTRACT - On April 11, 1969, 122 persons representing 49 federal government agencies attended a seminar in Washington, D.C. to discuss innovations in the Federal Women's Program and to propose action programs to provide for more complete utilization of the skills of women workers. Several speeches were made and panels discussed the role of a coordinator, breaking barriers for employment, underutilization, shortage skills, and agency cooperation at lower levels. Workshop reports on problems, opportunities, and priorities were also made. The suggestions and recommendations of the seminar were included in the report of the Chairman of the Civil Service Commission to the President. A conference agenda is appended. (BC)

VT 010 710
Newsom, Robert T.
The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975. Research Study No. 10.

Louisiana State Univ., New Orleans, Div. of Business and Economic Research.
MF AVAILABLE IN VT-ERIC SET.
Division of Business and Economic Research, College of Business Administration, Louisiana State University, New Orleans, Louisiana 70122 ($2.00).
PUB DATE - 69 50p.

DESCRIPTORS - *ECONOMIC DEVELOPMENT; *EMPLOYMENT PROJECTIONS; *EMPLOYMENT PATTERNS; *MANPOWER NEEDS; *LABOR FORCE; LABOR ECONOMICS; MANPOWER UTILIZATION; URBAN AREAS; RURAL AREAS
IDENTIFIERS - *LOUISIANA

ABSTRACT - By examining changes in Louisiana's use of manpower, this report traces the State's evolution from its earlier agricultural base to one dependent on various service industries as well as petroleum and natural gas production. Beginning with Louisiana's pre-Civil War economy, the changing pattern of manpower utilization is outlined. Projections are made through 1975 based on the assumption that the relationship between state and national growth rates will not change significantly. The study found the urban areas to be increasing their share of national employment, while

that of most rural areas decreased. This was due to a heavy commitment to agriculture by rural areas, at a time when technological change was resulting in decreased agricultural employment. (BH)

VT 010 739
Unemployment Insurance Claimants, 1963-1964.

New York State Dept. of Labor, Albany. Research and Statistics Office.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan69 45p.

DESCRIPTORS - *UNEMPLOYMENT; *UNEMPLOYMENT INSURANCE; *UNEMPLOYED; *EVALUATION; TABLES (DATA); WORK EXPERIENCE
IDENTIFIERS - NEW YORK

ABSTRACT - Thirty-one tables are included in this report which provides information on the personal characteristics and work and benefit experience of residents of the State of New York for the period 1963-64. Although total employment increased from 1962 to 1963, registered unemployment averaged 304,300 in 1963, 21,000 more than in 1962. Beneficiaries of unemployment insurance included relatively more women and more production and manual workers than the working population. The median age of unemployed workers receiving benefits was the same as the working population. About 87 percent of the beneficiaries lost their last job because of lack of work, and more than a third of the beneficiaries received the maximum benefit, $50 a week. The total number of beneficiaries and the average duration of benefits declined slightly in the 1964 benefit year with the beneficiaries receiving an average of 13.8 weeks of benefits in 1964 as compared with 14.1 weeks in the 1963 benefit year. (BC)

VT 010 917 ED 042 890
JOHNSON, RONALD W.
A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.

NEW BRUNSWICK DEPT. OF LABOUR, FREDERICTON.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - MAR 68 78P.

DESCRIPTORS - *APPRENTICESHIPS; DROPOUT CHARACTERISTICS; *DROPOUT PROBLEMS; *DROPOUT RESEARCH; TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - *NEW BRUNSWICK DEPARTMENT OF LABOUR

ABSTRACT - IN THIS FOLLOW-UP STUDY, WHICH WAS DESIGNED TO EXPAND THE KNOWLEDGE OF THE CAUSATIVE FACTORS IN APPRENTICESHIP DROP-OUT AND TEST THE VALIDITY OF THE FINDINGS OF THE PREVIOUS STUDY, A RANDOM SAMPLE OF 20 CANCELLED APPRENTICES WHO HAD DROPPED FROM THE APPRENTICESHIP PROGRAM SINCE JANUARY 1966, WAS MATCHED WITH 20 APPRENTICES WHO HAD COMPLETED THE APPRENTICESHIP PROGRAM SINCE JANUARY 1966. THE APPRENTICES WERE MATCHED ON THE FOLLOWING CRITERIA: (1) SIMILARITY OF TRADE, (2) AGE AT TIME OF INDENTURESHIP, (3) MARITAL STATUS AT TIME OF INDENTURESHIP, AND (4) EDUCATIONAL LEVEL AT TIME OF INDENTURESHIP. CONCLUSIONS DRAWN INDICATE: (1) FEW APPRENTICES FAIL THEIR COURSES; THE VAST MAJORITY OF THOSE NOT COMPLETING THEIR PROGRAM SIMPLY DROP OUT, (2) DISSATISFACTION WITH THE EMPLOYER OR LACK OF CONFINDENCE IN THE VALUE OF CERTIFICATION CAUSED DROP-OUT, AND (3) LACK OF MATURITY, ALTHOUGH NOT CONFIRMED BY THIS STUDY, MAY BE A CAUSATIVE DROP-OUT FACTOR. THE PREVIOUS STUDY IS AVAILABLE AS ED 012 427 (RIE JANUARY 1968). (GR)

VT 010 996
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes (Fifty-Third Session, Geneva, 1969). Eighth Agenda Item. Report VIII(2).

International Labour Office, Geneva (Switzerland).
MF AVAILABLE IN VT-ERIC SET.
International Labour Office, Geneva, Switzerland ($2.00).
PUB DATE - 69 175p.

DESCRIPTORS - *CONFERENCE REPORTS; *INTERNATIONAL ORGANIZATIONS; *YOUTH EMPLOYMENT; *DEVELOPMENTAL PROGRAMS; *TRAINING; INTERNATIONAL PROGRAMS; EMPLOYMENT PROBLEMS; EMPLOYMENT PROGRAMS

ABSTRACT - Utilizing data obtained from responses of a preliminary report and a questionnaire completed by members of the International Labour Organisation, this report deals with the views of each country and contains a commentary on an international instrument concerning special youth employment and training schemes for

development purposes. Also, proposed conclusions are presented. If the conference considers it appropriate to adopt an international instrument, a draft instrument will be prepared and submitted to the governments for consideration. Final decision on the matter will be made by the Conference at a future session. (GB)

VT 011 026
Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey. A Cooperative Study of Employment Needs.

Area Board of Vocational, Technical, and Adult Education District No. 18, New Richmond, Wis.
Wisconsin State Dept. of Industry, Labor, and Human Relations, Eau Claire. Employment Service.
MF AVAILABLE IN VT-ERIC SET.
Program Development and Research, Wisconsin State Employment Service, P.O. Box 1607, Madison, Wisconsin 53701.
PUB DATE - Nov69 75p.

DESCRIPTORS - *OCCUPATIONAL SURVEYS; *MANPOWER NEEDS; *EMPLOYERS; EMPLOYMENT QUALIFICATIONS; EMPLOYMENT OPPORTUNITIES; PROMOTION (OCCUPATIONAL); QUESTIONNAIRES
IDENTIFIERS - WISCONSIN

ABSTRACT - Wisconsin's District 18 includes four counties in the western part of the State. This joint effort of the district's vocational-technical school and the Wisconsin State Employment Service was designed to determine the occupational needs of area industries and to help fill these needs through effective apprenticeship, on-the-job training, and vocational school programs. Questionnaires mailed to employers in the area were returned by firms representing half of the total nonagricultural wage and salary employment in the district. Information received is listed according to educational and experience requirements for each occupation. The report also considers opportunities for advancement in each job. (BH)

VT 011 083
Ballinger, Raymond A.
Opportunities in Graphic Arts Careers.

Vocational Guidance Manuals, New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
Vocational Guidance Manuals, 235 East 45th Street, New York, New York 10017 ($1.65).
PUB DATE - 68 129p.

DESCRIPTORS - *GRAPHIC ARTS; *CAREER OPPORTUNITIES; TRADE AND INDUSTRIAL EDUCATION; *OCCUPATIONAL GUIDANCE; *EDUCATIONAL OPPORTUNITIES

ABSTRACT - Developed for career planning, this manual describes opportunities available in graphic arts careers. Topics include: (1) A Panoramic View of the Graphic Arts, (2) Educational Preparation for the Graphic Arts, (3) Getting Started, (4) Employment Opportunities in the Graphic Arts, (5) The Graphic Artist in Industry and Government, (6) A Look into the Future of Graphic Arts, and (7) Professional Organizations in the Graphic Arts. A recommended reading list and a list of accredited graphic arts schools and colleges in the United States are given. This is one of several career books in the Vocational Guidance Manuals Series; a catalog of titles is available from the source of availability given above. (GR)

VT 011 104
Lenard, Charles A.
Lewiston-Clarkston Area Manpower Survey.

Washington State Univ., Pullman. Bureau of Economic and Business Research.
Clearwater Economic Development Association
MF AVAILABLE IN VT-ERIC SET.
Bureau of Economic and Business Research, Washington State University, Pullman, Washington 99163.
PUB DATE - 69 37p.

DESCRIPTORS - *LABOR FORCE; *STATISTICAL SURVEYS; *EMPLOYMENT QUALIFICATIONS; *JOB DEVELOPMENT; QUESTIONNAIRES; *MANPOWER UTILIZATION; SAMPLING; LABOR SUPPLY; MANPOWER NEEDS

ABSTRACT - In order to improve job opportunities within an area, knowledge of the labor force must be made available to present and potential employers. This report on a labor market survey provides the necessary information on manpower availability in the

Lewiston-Clarkston area of Washington and Idaho. From information received in questionnaires distributed to all working age members of a random sample of four percent of the area households, the researchers made inferences about the entire work force. (RH)

VT 011 146
The Feasibility of Oregon Community Colleges and Secondary Schools offering Civil Aviation Occupational Education.

Oregon State System of Higher Education, Corvallis. Div. of Continuing Education.
Oregon State Board of Aeronautics, Salem.
Oregon State Dept. of Education, Salem. Div. of Community Colleges and Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Division of Community Colleges and Vocational Education, State Department of Education, 305 Public Service Building, Salem, Oregon 97310.
PUB DATE - 67 151p.

DESCRIPTORS - *TECHNICAL EDUCATION; *AVIATION TECHNOLOGY; *AEROSPACE TECHNOLOGY; *DEMAND OCCUPATIONS; CAREER OPPORTUNITIES; OCCUPATIONAL INFORMATION; OCCUPATIONAL SURVEYS; ELEMENTARY GRADES; SECONDARY GRADES; POST SECONDARY EDUCATION; COMMUNITY COLLEGES; *EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; VOCATIONAL EDUCATION

ABSTRACT - To isolate key occupations where the actual and anticipated employment appeared to be greatest, and to determine the number of student enrollments needed to fill these jobs and the vocational programs needed to accomodate this enrollment, a study was made of the literature and related research in all phases of civil aviation. It was found that employment opportunities do exist in all pilot and mechanic classifications. The increased use of aircraft in business and corporate activities combined with the aerial application of seeds, fertilizers, and other materials have created a new demand on the industry. The major problem in employment practices for aviation personnel, especially pilots and mechanics, evolves around an apparent gap between training and suitable employment. The employer wants the more experienced applicant, but the "just-out-of-school" applicant lacks the desirable years of experience. The study revealed that aviation activities in the Northwest are greater than the national population ratio to this region. It was suggested that basic elements of aeronautics be offered in the first eight grades, with more specific occupation instruction in high schools and community colleges. (AUTHOR/SB)

VT 011 198
Seasonal Unemployment in the Construction Industry. Report and Recommendations of the Secretary of Labor and the Secretary of Commerce to the President and to the Congress.

Department of Labor, Washington, D.C. Office of the Secretary.
Department of Commerce, Washington, D.C. Office of the Secretary.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Dec69 88p.

DESCRIPTORS - *CONSTRUCTION INDUSTRY; *SEASONAL EMPLOYMENT; *MANPOWER UTILIZATION; FEDERAL AID; TECHNICAL ASSISTANCE

ABSTRACT - In summarizing the findings of a study conducted under the 1968 extension of the Manpower Development and Training Act, this report describes the problem of seasonality in the construction industry, and the resulting underutilization of manpower, and provides recommendations for more effective utilization of this manpower. The study found that there is sufficient technology available to make construction less seasonal, but institutional barriers prevent this country from following other countries' lead in making construction a year-round operation. Restrictive building codes, fear of change, and higher costs prevent off-season construction. The report recommends government action to drop the barriers, promote cooperative efforts at change, and use financial incentives to compensate for externalities in costs and benefits. (BH)

VT 011 199
Liu, Ben-chieh
Employment Multipliers and Employment Projections: An Economic Base Study for the St. Louis Region.

Saint Louis Regional Industrial Development Corp., Mo.
Department of Housing and URban Development, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 63p.; Paper presented at the Annual Meeting of Missouri Academy of

Sciences (St. Louis Univ., Mo., May 5, 1969).

DESCRIPTORS - *LABOR ECONOMICS; *MATHEMATICAL MODELS; *EMPLOYMENT PROJECTIONS; MANPOWER NEEDS; EMPLOYMENT OPPORTUNITIES
IDENTIFIERS - ST. LOUIS

ABSTRACT - This study investigated the applicability of employment multipliers to labor market projections. A model was developed for the St. Louis area to estimate the region's employment multiplier using regression analysis based on an observation of the relationship between basic employment and total employment between 1959 and 1967. Using this model and other national projections, the study projected area employment by industrial sector through 1980. Data obtained through such a model would be valuable to both government planners and industrial management considering expansion. (BH)

VT 011 310
Watson, Cicely; Butorac, Joseph
A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.

Ontario Inst. for Studies in Education, Toronto (Canada). Dept. of Educational Planning.
DOCUMENT NOT AVAILABLE FROM EDRS.
The Ontario Institute for Studies in Education, 102 Bloor Street West, Toronto 5, Ontario, Canada.
PUB DATE - 68 39p.

DESCRIPTORS - *EMPLOYMENT PROJECTIONS; *EMPLOYMENT STATISTICS; LABOR SUPPLY; *SKILLED LABOR; *PROFESSIONAL PERSONNEL; ECONOMIC FACTORS; MANPOWER NEEDS
IDENTIFIERS - *ONTARIO

ABSTRACT - This document is a summary of "Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks," which is available as VT 011 311 (also in this issue). (BH)

VT 011 311
Watson, Cicely; Butorac, Joseph
Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.

Ontario Inst. for Studies in Education, Toronto (Canada). Dept. of Educational Planning.
DOCUMENT NOT AVAILABLE FROM EDRS.
The Ontario Institute for Studies in Education, 102 Bloor Street West, Toronto 5, Ontario, Canada.
PUB DATE - 68 377p.

DESCRIPTORS - *EMPLOYMENT PROJECTIONS; EMPLOYMENT STATISTICS; *LABOR SUPPLY; SKILLED LABOR; PROFESSIONAL PERSONNEL; *ECONOMIC FACTORS; *MANPOWER NEEDS
IDENTIFIERS - *ONTARIO

ABSTRACT - In a study begun in 1966, the Ontario Institute for Studies in Education has calculated demand for skilled and professional personnel in Ontario through 1986, in an attempt to provide educational planners with information about labor market imbalances. This first volume of their report assesses the economic growth factors, including population growth, labor force, employment, productivity, and capital investment, which are determinants of manpower needs. Calculations and estimates of the supply of skilled and professional personnel are included by occupation for the period 1961-1986. A summary of this report is available as VT 011 310 (also in this issue). (BH)

VT 011 345
Technical Manpower, 1966-80. Bulletin 1639.

Bureau of Labor Statistics (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L2.3:1639, $.35).
PUB DATE - Mar70 29p.

DESCRIPTORS - *MANPOWER NEEDS; *SUBPROFESSIONALS; *TECHNICAL OCCUPATIONS; *MANPOWER UTILIZATION; RESEARCH NEEDS; LABOR DEMANDS; LABOR SUPPLY; TECHNICAL EDUCATION; *EMPLOYMENT PROJECTIONS

ABSTRACT - Intended for vocational counselors, education planners, manpower personnel, and industry officials, this report presents information on manpower projections of technicians to 1980. Superseding the 1975 projections of an earlier study of the Bureau of Labor Statistics, the report provides new insights into the factors affecting the supply and demand for technicians by incorporating new data and using assumptions concerning technological change, the level of national unemployment, and the world's political situation. In addition, the report identifies problems in technician manpower and indicates areas for future study and research. The projections indicate general order of magnitude and direction and not estimates of exact numbers, due to data gaps and weaknesses outlined in the study. (GB)

VT 011 368
Arkansas' Manpower Needs. A Study Projecting the State's Labor Needs for 1970 and 1975.

Arkansas Dept. of Labor, Little Rock. Employment Security Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb70 44p.

DESCRIPTORS - *OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; *EMPLOYMENT TRENDS; *MANPOWER NEEDS; *EMPLOYMENT STATISTICS; EMPLOYMENT OPPORTUNITIES; LABOR SUPPLY
IDENTIFIERS - *ARKANSAS

ABSTRACT - Using as a guide the national manpower requirements projected by the Bureau of Labor Statistics, labor force needs are projected for Arkansas through 1975. Assuming that full employment, international stability, and steady economic growth will continue, regression analysis is used to make employment projections for about 160 occupational categories. The data is first converted to overall employment projections by using matrices, and then adjusted to agree with census data on occupational distribution in the State. (RH)

VT 011 442
New Hampshire Occupations in 1975.

New Hampshire State Dept. of Employment Security, Concord.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Dec69 125p.

DESCRIPTORS - *MANPOWER NEEDS; *EMPLOYMENT OPPORTUNITIES; LABOR MARKET; LABOR CONDITIONS; *EMPLOYMENT PROJECTIONS; *DEMAND OCCUPATIONS; BLUE COLLAR OCCUPATIONS; OCCUPATIONAL INFORMATION; WHITE COLLAR OCCUPATIONS; *OCCUPATIONAL SURVEYS; SERVICE OCCUPATIONS
IDENTIFIERS - NEW HAMPSHIRE

ABSTRACT - Knowledge about available jobs and occupational needs of the present and future is necessary to enable proper planning of education and vocational training facilities. To show expected employment and the number of workers that will be needed by occupation in 1975, projections were made from a 10-year series of employment estimates prepared by the New Hampshire Department of Employment Security. The expansion of nonagricultural wage and salary employment between 1958 and 1968 was a net gain of about one-third. Employment of nonmanufacturing establishments has been increasing at a more rapid rate than manufacturing employment. Almost 27 percent of the net gain in employment occurred in the electrical products and rubber-plastics-chemicals manufacturing industries. White collar jobs and service occupations are expanding by about twice the increase of blue collar jobs. New Hampshire will require nearly 100,000 new workers during 1968 to 1975. Some occupations requiring the largest number of workers include sales workers, stenographers, typists, domestic service workers, and foremen, waiters and waitresses. (SB)

VT 011 443
Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report: Survey of Job Characteristics, Manpower Needs and Training Resources, July 1969.

Technical Education Research Center, Cambridge, Mass.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug69 60p.

DESCRIPTORS - *HEALTH OCCUPATIONS; *RADIOLOGIC TECHNOLOGISTS; *MANPOWER NEEDS; OCCUPATIONAL INFORMATION; TASK ANALYSIS; *CAREER OPPORTUNITIES; MANPOWER DEVELOPMENT; *JOB DEVELOPMENT; TRAINING; EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS

ABSTRACT - "Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase 1, Interim Report Number 1," VT 011 444 (also in this issue) is summarized. (SB)

VT 011 444 ED 042 902
DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.

TECHNICAL EDUCATION RESEARCH CENTER, CAMBRIDGE, MASS.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$9.87
PUB DATE - AUG 69 290P.

DESCRIPTORS - *CAREER OPPORTUNITIES; EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; *HEALTH OCCUPATIONS; *JOB DEVELOPMENT; MANPOWER DEVELOPMENT; *MANPOWER NEEDS; OCCUPATIONAL INFORMATION; *RADIOLOGIC TECHNOLOGISTS; TASK ANALYSIS; TRAINING

ABSTRACT - PHASE I OF A MULTIPHASE RESEARCH PROGRAM IN PROGRESS AT THE TECHNICAL EDUCATION RESEARCH CENTER, INC., WAS CONDUCTED TO ANALYZE NEEDS AND RESOURCES IN TERMS OF JOB PERFORMANCE TASKS, CAREER OPPORTUNITIES, AND TRAINING REQUIREMENTS FOR NUCLEAR MEDICAL TECHNICIANS. DATA WERE GATHERED THROUGH PERSONAL INTERVIEWS WITH 203 PERSONS, MOSTLY PHYSICIANS, AND FROM 151 QUESTIONNAIRE RESPONDENTS. MAJOR FINDINGS WERE: (1) NUCLEAR MEDICINE HAS GROWN RAPIDLY, BUT MORE MONEY, BETTER EQUIPMENT, AND IMPROVED INSTRUCTIONAL PROGRAMS FOR TECHNICIANS WOULD SPEED THE GROWTH, (2) DIAGNOSIS IS THE MAJOR CONCERN OF EVERY NUCLEAR MEDICINE DEPARTMENT SURVEYED, ALTHOUGH MOST ARE INVOLVED IN SOME RADIOTHERAPY WORK, (3) THE TECHNICIAN'S TASKS CENTER UPON SCANNING AND THE RELATED ACTIVITIES OF RADIOPHARMACEUTICAL PREPARATION AND ORAL ADMINISTRATION TO THE PATIENT, (4) STANDARDIZATION OF PREPARATORY PROGRAMS AND CERTIFICATION REQUIREMENTS IS NEEDED, AND (5) NEED WAS EXPRESSED FOR A STANDARD TEXTBOOK WRITTEN ESPECIALLY FOR THE TECHNICIAN AND FOR MORE CAREFUL INSTRUCTION IN CLINICAL PROCEDURE, USE OF INSTRUMENTS, MATHEMATICS, AND RADIATION PHYSICS. (SB)

VT 011 460
Occupations and Trends in the Dairy Industry.

Manpower Administration (DOL), Washington, D.C. U.S. Training and Employment Service.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L34.2:D14, $.75).
PUB DATE - 70 185p.

DESCRIPTORS - *DAIRYMEN; *OCCUPATIONAL INFORMATION; *EMPLOYMENT QUALIFICATIONS; *OFF FARM AGRICULTURAL OCCUPATIONS; *EMPLOYMENT TRENDS; TECHNOLOGICAL ADVANCEMENT; EDUCATIONAL PROGRAMS; JOB SKILLS; ACADEMIC ACHIEVEMENT; VOCATIONAL APTITUDE; EDUCATIONAL NEEDS; INTERESTS; EDUCATIONAL OPPORTUNITIES

ABSTRACT - The first part of this report describes present and future manpower trends and technological development in the production of milk, frozen desserts, butter, and cheese. Training opportunities and various distribution methods are discussed as well. The second part of the report includes descriptions of duties, qualifications, and working conditions for 66 occupations in the dairy industry. (BH)

VT 011 478
Occupations in the Film Processing and Finishing Industry.

New Jersey State Employment Service, Bloomfield. Occupational Research Center.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug69 118p.

DESCRIPTORS - *MANPOWER UTILIZATION; *EMPLOYMENT OPPORTUNITIES; *OCCUPATIONAL INFORMATION; *FILMS; *TRADE AND INDUSTRIAL EDUCATION; EDUCATIONAL DISADVANTAGEMENT; PHOTOGRAPHY; DEMAND OCCUPATIONS; CAREER OPPORTUNITIES; APTITUDE; VOCATIONAL INTERESTS; VOCATIONAL ADJUSTMENT; EDUCATIONAL BACKGROUND; WORK EXPERIENCE

ABSTRACT - Intended for those concerned with recruitment, training, counseling, and other aspects of manpower utilization, this document describes demand occupations in the film processing and finishing industry which are suitable for those lacking education and job skills. An introductory section discusses the background and nature of the industry, describes basic processing functions, and contains a flow chart illustrating the steps in film processing and in photofinishing. The 27 job

descriptions are arranged alphabetically by title followed by a Dictionary of Occupational Titles code number and in some cases an alternate title. Each description contains: (1) an occupational definition, (2) education, training, and experience requirements, (3) worker traits including aptitudes, interests, and temperaments, and (4) physical demands and working conditions. Following the job descriptions are definitions of worker traits, a glossary of technical items, a bibliography, and an index of occupational titles. (SB)

VT 011 544
Rasmussen, Sandra, And Others
Stepping Stones in Nursing Education.

National League for Nursing, New York, N.Y. Council of Practical Nursing Programs
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 38p.; Papers presented at meeting of the National League for Nursing, Council of Practical Nursing Programs (Miami Beach, Fla., May 1-3, 1970).

DESCRIPTORS - *EDUCATIONAL PROGRAMS; SPEECHES; CURRICULUM EVALUATION; CURRICULUM DEVELOPMENT; MANPOWER UTILIZATION; CAREER OPPORTUNITIES; *VOCATIONAL DEVELOPMENT; *OCCUPATIONAL MOBILITY; *PRACTICAL NURSING; SUBPROFESSIONALS; TEACHING PROGRAMS; *HEALTH OCCUPATIONS EDUCATION

ABSTRACT - Practical nurses must continue their education to keep up with medical advances and to advance in their career. This will require development and evaluation of curriculums as well as effective use of manpower resources and the support of the nursing profession. Approaches to career development include equivalency testing using supplementary programs, and providing opportunity for advancement at each subprofessional level. These ideas were developed in papers presented at the meeting of the National League for Nursing, Council of Practical Nursing Programs. (JS)

VT 011 576
Apprenticeship in Arizona.

Apprenticeship Information Center, Phoenix, Ariz.
Arizona State Employment Security Commission, Phoenix. State Employment Service
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul69 65p.

DESCRIPTORS - *OCCUPATIONAL INFORMATION; *TRADE AND INDUSTRIAL EDUCATION; *EMPLOYMENT QUALIFICATIONS; *SKILLED WORKERS; *APPRENTICESHIPS; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; JOB APPLICANTS; JOB SKILLS; OCCUPATIONS
IDENTIFIERS - ARIZONA

ABSTRACT - The Arizona Apprenticeship Council advises, guides, and monitors the State's apprenticeship program. Under the auspices of the Council, the Joint Apprenticeship Committee determines the requirements which an applicant must meet before he is eligible for an apprenticeship program. This report lists these requirements in occupational briefs for 54 occupations. Each brief also describes working conditions, nature of work, tools used, term of apprenticeship, and employment outlook. (BH)

VT 011 599
Ball, Warren G.
The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.

Association of Military Surgeons, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 5p.; Presented at the Annual Meeting of the Association of Military Surgeons (Washington, D.C., Nov. 17, 1969).

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *HEALTH OCCUPATIONS; *MILITARY PERSONNEL; JOB SKILLS; OCCUPATIONAL INFORMATION; *MANPOWER NEEDS; CONFERENCES

ABSTRACT - Of an estimated 30 thousand military medical corpsmen discharged last year, less than two percent were known to enter civilian health employment. The American Medical Association (AMA) is trying to devise means of attracting military personnel to the civilian health field, but have met with several problems: (1) difficulty identifying and contacting military corpsmen at time of discharge, (2) low salary levels in health-related occupations, and (3) lack of educational equivalency offered for military health experience. Several educational programs have been developed, mainly in a college setting, which are designed to build upon these skills and qualifications gained through military service. (DM)

VT 011 647
Manpower Directions in New York State 1965-1975; Job Requirements and Labor Force. Technical Supplement. Special Bulletin 241.

New York State Dept. of Labor, Albany. Div. of Research and Statistics.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Dec68 128p.

DESCRIPTORS - *EMPLOYMENT PROJECTIONS; *STATISTICAL ANALYSIS; *MEASUREMENT TECHNIQUES; *LABOR FORCE; LABOR SUPPLY; EMPLOYMENT STATISTICS

ABSTRACT - Volumes I and II of this report project employment by occupations and industry for New York through 1975, including breakdowns for 11 major industrial areas. This supplement describes the techniques used in making these projections. Estimates were made for 1960 and 1965, and projections were made for 1970 and 1975, both using the following basic procedure: (1) The number in the civilian labor force was established, (2) Nonfarm wage and salary jobs were calculated, (3) Several elements were added to nonfarm jobs to derive total jobs by industry, (4) The conceptual differences between number 1 and number 3 were reconciled, (5) An industry-occupation matrIx was used to calculate total jobs by occupation, and (6) Job requirements were estimated by occupation by summing replacement and expansion needs. (BH)

VT 011 672
City Employment in 1969.

Bureau of the Census (DOC), Suitland, Md.
MF AVAILABLE IN VT-ERIC SET.
GE69 No. 2
Bureau of Census, Suitland, Maryland ($.25).
PUB DATE - Apr70 16p.

DESCRIPTORS - *SURVEYS; *MUNICIPALITIES; QUESTIONNAIRES; *EMPLOYMENT STATISTICS; *GOVERNMENT EMPLOYEES; STATISTICAL ANALYSIS; EMPLOYMENT TRENDS; *MANPOWER UTILIZATION

ABSTRACT - Municipal governments in the United States made salary and wage payments for October, 1969 amounting to $1.2 billion. This sum represented payrolls for 2,165,000 full-time and part-time employees rendering services in such functional areas as education, police protection, sanitation, and highways. Data for this report and a companion report, Public Employment in 1969, are based on information solicited by questionnaire from a sample of 3,350 municipal governments. This report concentrates on the 310 cities of 50,000 or more population because these cities account for 75 percent of all municipal government payrolls. Included in the report is information on the functional distribution of city employment. (JS)

VT 011 673
The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals; Roles and Job Satisfactions.

State Univ. of New York, Ithaca. Coll. of Agriculture at Cornell.
New York State Education Dept., Albany. Bureau of Occupational Education Research
MF AVAILABLE IN VT-ERIC SET.
The Publications Distribution Unit, State Education Department, Albany, New York 12224 (single copies available).
PUB DATE - Nov69 39p.

DESCRIPTORS - *PARAPROFESSIONAL SCHOOL PERSONNEL; *ADMINISTRATOR ATTITUDES; QUESTIONNAIRES; *MANPOWER UTILIZATION; *PUBLIC SCHOOL SYSTEMS; *INDIVIDUAL CHARACTERISTICS

ABSTRACT - This report summarizes the responses of 667 New York State school districts to a questionnaire concerning the use of paraprofessionals during the 1968-69 school year. Questionnaires completed by 94 percent of the school districts contacted provided information about: (1) the use of paraprofessionals, (2) the types of services, (3) qualifications, (4) age, (5) training, (6) work hours, (7) financial support, and (8) general acceptance of paraprofessionals. With 95 percent of the responding districts reporting some use of paraprofessionals, there was no shortage of data to provide background information. One-third of these paraprofessionals were found to be volunteers. Phase Two of this study is available as VT 011 674 (also in this issue). (BH)

VT 011 674
The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals; Roles and Job Satisfactions.

State Univ. of New York, Ithaca. Coll. of Agriculture at Cornell.
New York State Education Dept., Albany. Bureau of Occupational Education Research.
MF AVAILABLE IN VT-ERIC SET.
The Publications Distribution Unit, State Education Department, Albany, New York 12224 (single copies available).
PUB DATE - Feb70 43p.

DESCRIPTORS - *FOOD SERVICE WORKERS; *JOB SATISFACTION; *INDIVIDUAL CHARACTERISTICS; *ADMINISTRATOR ATTITUDES; *PUBLIC SCHOOL SYSTEMS; TEACHER ATTITUDES; MANPOWER UTILIZATION; PARAPROFESSIONAL SCHOOL PERSONNEL; QUESTIONNAIRES; SOCIAL STATUS

ABSTRACT - Lunchroom aides are the most common paraprofessionals in New York public schools. Consequently, this type of paraprofessional was chosen for in-depth analysis in Phase Two of this continuing study. Schools chosen for this analysis were the 150 schools using at least three lunchroom aides found in a random sample of 45 school districts. Of the questionnaires requested from principals, lunchroom aides, and a random 25 percent sample of teachers, 90 percent were returned. Based upon these responses, the report describes characteristics of lunchroom aides, work environment, perception of lunchroom aides and their jobs, and employment policies and procedures. Phase I of this study is available as VT 011 673 (also in this issue). (BH)

VT 011 680
Injury Rates in the Construction Industry New York State, 1968.

New York State Dept. of Labor, Albany. Div. of Research and Statistics.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 19p.

DESCRIPTORS - *INDUSTRIAL PERSONNEL; *CONSTRUCTION INDUSTRY; *INJURIES; *ACCIDENTS; SURVEYS

ABSTRACT - This report presents the results of the sixth annual construction industry injury-rate survey, conducted by the New York State Department of Labor's Division of Research and Statistics in cooperation with the U.S. Bureau of Labor Statistics. Based on a sample of 7,302 contractors with four or more employees, the report represents about 57 percent of the total number of persons in construction establishments in New York State. The over-all injury frequency rate in construction in 1968 was 26.9 disabling injuries for each million employee-hours worked or 1.9 percent higher than the 1967 rate. The injury frequency rate tends to be higher in bigger firms. More than three-quarters of the individual contractors responding to the survey in 1968 reported no injuries. (GB)

VT 011 690 ED 042 911
ENVICK, ROBERT MERLYN
COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 150P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; EMPLOYER ATTITUDES; EMPLOYMENT QUALIFICATIONS; *ENTRY WORKERS; HIGH SCHOOL GRADUATES; *INDUSTRIAL EDUCATION; *JOB SKILLS; *PLASTICS; QUESTIONNAIRES; TECHNICAL EDUCATION

ABSTRACT - TO ESTABLISH CRITERIA FOR DEVELOPING PLASTICS EDUCATION PROGRAMS FOR INDUSTRIAL EDUCATION WHICH MEET THE NEEDS OF THE PLASTIC INDUSTRY, 163 (81 PERCENT) QUESTIONNAIRES WERE COMPLETED BY PROCESSORS AND CONVERTERS. TRADE JOURNALS, MAGAZINES, TEXTBOOKS, AND OTHER STUDIES IN PLASTICS EDUCATION PROVIDED FURTHER INFORMATION. CONCLUSIONS DRAWN FROM THE QUESTIONNAIRES WERE: (1) THE PLASTICS INDUSTRY FINDS THERE ARE FEW SKILLED EMPLOYEES AVAILABLE FOR HIRING, (2) THE INDUSTRY CONSIDERS PLASTICS EDUCATION IMPORTANT TO PERSONS SEEKING EMPLOYMENT, (3) PROCESSORS PLACED A SLIGHTLY HIGHER VALUE ON GENERAL EDUCATION COURSES THAN ON INDUSTRIAL EDUCATION COURSES, (4) THE IMPORTANCE OF A PLASTICS PROCESS SHOULD BE DETERMINED BY AN ANALYSIS OF THE RESPONSES PROVIDED BY THE PROCESSORS WHO ARE DIRECTLY CONCERNED WITH THAT ACTIVITY, (5) ALL PROCESSES MUST BE CONSIDERED FOR CURRICULUM CONTENT, AND (6) COMMUNICATION BETWEEN EDUCATION AND INDUSTRY MUST BE ESTABLISHED. THIS ED.D. THESIS WAS SUBMITTED TO THE

UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 697
Hiring Standards and Job Performance. Manpower Research Monograph No. 18.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L1.39/3:18, $.50).
PUB DATE - 70 35p.

DESCRIPTORS - *SEMISKILLED OCCUPATIONS; *EMPLOYMENT QUALIFICATIONS; JOB SKILLS; *MANPOWER UTILIZATION; *EDUCATIONALLY DISADVANTAGED; *GUIDELINES; EMPLOYMENT OPPORTUNITIES; MINORITY GROUPS; LABOR MARKET

ABSTRACT - During the high employment period of the 1960's, unemployment persisted among the undereducated despite manpower shortages in many semiskilled or entry level occupations. This study investigated the degree to which employer hiring standards affect this labor market imbalance. By examining 10 white collar, blue collar and service occupations representing 14 industry groups, the study found a trend toward increased hiring standards for less skilled jobs, often to a level above that necessary to perform the job. In an attempt to remedy variations and inconsistancy in hiring standards, the report provides guidelines for hiring standards in each occupation. Consistent standards, based on objective performance criteria, will do much to eliminate labor market imbalance. Copies of the full contract research report on which this report is based are available from the Clearinghouse for Federal, Scientific and Technical Information, Springfield, Virginia 22151 (PB 191 278, $.65 microfiche, $3.00 paper copy). (BH)

VT 011 719
Grieser, Mary Ann
Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. OEG-3-7-063032-1620
NCUVT Series No. 8
PUB DATE - Jul70 19p.

DESCRIPTORS - *OCCUPATIONAL HOME ECONOMICS; TRADE AND INDUSTRIAL EDUCATION; *FOOD SERVICE WORKERS; FOOD SERVICE INDUSTRY; *JOB SKILLS; *TASK PERFORMANCE; ON THE JOB TRAINING; EMPLOYEE ATTITUDES; EMPLOYER ATTITUDES; VOCATIONAL COUNSELING; *OCCUPATIONAL INFORMATION
IDENTIFIERS - NEBRASKA

ABSTRACT - Data were gathered through questionnaires and personal interviews with the employee and with the employer or manager of selected Nebraska commercial and institutional food serving establishments in order to identify major tasks performed by food service workers. The questionnaires sought information on job titles, employer and manager attitudes, tasks needed for the job, and institutions in which the skills and knowledge should be learned. Both groups interviewed agreed that partial training may be accomplished in occupational education programs, but on-the-job training is essential to the development of desired competencies. A majority of employers expressed a preference for employees with prior training. The positive response of both employees and employers indicates a need for training programs in these occupations. (AUTHOR/SB)

VT 011 720
Mattson, Homer A.
Skills and Knowledge Needed by Personnel in Architectural Drafting.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. OEG-3-7-063032-1620
NCUVT Series No. 9
PUB DATE - May70 25p.

DESCRIPTORS - *JOB SKILLS; DATA COLLECTION; *CURRICULUM DEVELOPMENT; *TECHNICAL EDUCATION; TECHNICAL OCCUPATIONS; *DRAFTSMEN; EMPLOYMENT LEVEL; *ENTRY WORKERS; EMPLOYMENT QUALIFICATIONS; SECONDARY SCHOOLS; EDUCATIONAL RESEARCH

ABSTRACT - To determine skills and knowledge needed at job entry level for architectural draftsmen, data were collected by personal interviews and by

questionnaires from a 31-member sample of the Nebraska Chapter of the American Institute of Architects. The first two sections of the questionnaire elicited responses concerning: (1) Frequency of use of tools and materials within the firm, (2) degree of requirement for job entry, and (3) level or type of institution in which instruction should be given. The third section provided a rating of needed personal attributes. Results indicated that use of equipment varies little among employment levels and that beginning drafting instruction should be located in secondary schools. Only slight variation in the importance of personal attributes was apparent as ranked by employment levels. (AUTHOR/JS)

VT 011 734 ED 043 755
SHEA, JOHN R., AND OTHERS
DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.

OHIO STATE UNIV., COLUMBUS. CENTER FOR HUMAN RESOURCE RESEARCH.
MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$9.87
PUB DATE - MAY 70 288P.

DESCRIPTORS - *EMPLOYMENT OPPORTUNITIES; FAMILY BACKGROUND; *LABOR MARKET; LONGITUDINAL STUDIES; MOTHER ATTITUDES; OCCUPATIONAL MOBILITY; *SOCIOECONOMIC INFLUENCES; WORK ATTITUDES; *WORKING WOMEN

ABSTRACT - THIS REPORT DESCRIBES THE INITIAL STAGE OF A 5-YEAR LONGITUDINAL STUDY OF THE LABOR MARKET BEHAVIOR OF WOMEN BETWEEN 30 AND 44 YEARS OF AGE. SINCE 1967, PERSONAL INTERVIEWS AND QUESTIONNAIRES HAVE BEEN USED TO GATHER DATA RELATING WORK EXPERIENCES TO VARIOUS SOCIAL, ECONOMIC, AND PSYCHOLOGICAL FACTORS FOR A REPRESENTATIVE NATIONAL SAMPLE. THE SAMPLE CONSISTS OF 5,083 INDIVIDUALS, OF WHOM 3,456 ARE WHITE. THIS REPORT INCLUDES BACKGROUND INFORMATION, LABOR FORCE PARTICIPATION AND EMPLOYMENT PATTERNS, OCCUPATIONAL AND GEOGRAPHIC MOBILITY, AND WORK ATTITUDES OF THE WOMEN IN THE SAMPLE AS COLLECTED IN MID-1967. IN SUBSEQUENT SURVEYS, DETAILED INFORMATION WILL BE OBTAINED ON CURRENT LABOR FORCE AND EMPLOYMENT STATUS AND ON LABOR MARKET EXPERIENCE AND INCOME DURING THE PERIOD SINCE EACH PRECEDING SURVEY. IN THIS WAY A COMPLETE 5-YEAR WORK HISTORY WILL BE COLLECTED, INCLUDING A RECORD OF CHANGES IN VARIABLES BELIEVED TO INFLUENCE LABOR MARKET DECISIONS. (BH)

VT 011 754
Poitevin, Howard LaVerne
Factors Related to Occupational Status of Male Graduates of West Union, North High School.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 136p.

DESCRIPTORS - *MASTERS THESES; *OCCUPATIONAL SURVEYS; *HIGH SCHOOL GRADUATES; *MALES; DATA COLLECTION; PROGRAM IMPROVEMENT; PROGRAM PROPOSALS; QUESTIONNAIRES; ACADEMIC RECORDS; *EMPLOYMENT; JOB TRAINING; VOCATIONAL EDUCATION; GRADUATE SURVEYS

ABSTRACT - Through the use of permanent records and questionnaires completed by the 309 males graduating from a West Union, Iowa high school from 1957 to 1966, this study sought to determine factors relating to the occupational status of these clientele. Findings reveal that 17.5 percent of the graduates had entered professional occupations, 12.9 percent were engaged as farm operators and farm laborers, 11.3 percent were in the clerical and sales field and 27.9 percent were completing military service or were classified as students. The remaining 30.4 percent were employed in the occupations of managers, craftsmen, operatives, service, and nonfarm labor, except .6 percent who were unemployed. Recommendations were that increased emphasis should be given to: (1) providing occupational training to meet interests and aptitudes of the students, (2) designing mathematics and science courses to meet the needs of noncollegebound vocational students, (3) counseling for educational requirements of different occupations, (4) encouraging use of area vocational-technical schools, and (5) providing training for off-farm agricultural occupations. This M.S. thesis was submitted to Iowa State University. (GB)

VT 011 755
Steiner, Tom
Oklahoma Farm Labor Report.

Oklahoma Employment Security Commission, Oklahoma City. Research and Planning Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 37p.

DESCRIPTORS - *LABOR ECONOMICS; *FARM LABOR; *EMPLOYMENT TRENDS; *FARM LABOR SUPPLY; *EMPLOYMENT PROJECTIONS; OCCUPATIONAL SURVEYS; OCCUPATIONAL MOBILITY; MANPOWER NEEDS; AGRICULTURAL LABORERS

ABSTRACT - This summary of the major farm crops in Oklahoma emphasizes the seasonal employment of farm labor and the role of the Oklahoma State Employment Service in coordinating the recruitment and movement of seasonal farm labor from crop to crop and area to area. An annual summary, outlook for the coming year, and labor recruitment materials are included. (GB)

VT 011 757 ED 042 922
HANSEN, HERBERT EUGENE
COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.

EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - 70 89P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; AGRICULTURAL ENGINEERING; *AGRICULTURAL SKILLS; MASTERS THESES; *METAL WORKING OCCUPATIONS; QUESTIONNAIRES; *SKILL DEVELOPMENT; WELDERS; *WELDING

ABSTRACT - TO DETERMINE NEEDED COMPETENCIES IN WELDING FOR AGRICULTURAL MAINTENANCE, QUESTIONNAIRES FROM 185 FARMERS FAMILAR WITH WELDING AND 96 JOB-SHOP WELDERS REPRESENTING 40 PERCENT OF THE IOWA VOCATIONAL AGRICULTURE DEPARTMENTS WERE RATED AND EVALUATED. THE TEN MOST NEEDED COMPETENCIES IN ARC WELDING WERE FOUND TO BE: (1) UNDERSTANDING OF THE EFFECT OF AMPERAGE, ARC LENGTH, SPEED OF TRAVEL, AND ANGLE OF ELECTRODE ON WELD QUALITY, (2) ABILITY TO WELD IN VARIOUS POSITIONS, (3) UNDERSTANDING OF PROPERTIES OF METALS, (4) ABILITY TO SELECT PROPER ELECTRODE AND AMPERAGE SETTING, (5) UNDERSTANDING OF POPERTIES AND USES OF ELECTRODES, (6) UNDERSTANDING OF SAFE OPERATING PROCEDURES, (7) ABILITY TO PREPARE AND FIT PIECES TO BE JOINED, (8) ABILITY TO WELD CAST AND MALLEABLE IRON, AND (9) ABILITY TO RECOGNIZE AND MAKE CORRECTIONS FOR WELD DEFECTS. IN OXYACETYLENE WELDING, THE MOST NEEDED COMPETENCIES WERE THE ABILITIES TO ADJUST PROPER GAS SETTINGS, OBTAIN CORRECT FLAME, SELECT WELDING AND CUTTING EQUIPMENT AND MATERIALS, IDENTIFY STEEL AND CAST IRON TEMPERATURES BY COLOR, AS WELL AS TO UNDERSTAND SAFE OPERATING PROCEDURES AND THE EFFECT OF TIP SIZE, GAS PRESSURES, SPEED OF TRAVEL, ANGLE OF TIP, AND TYPE OF FLAME ON WELD QUALITY. THIS M.S. THESIS WAS SUBMITTED TO IOWA STATE UNIVERSITY. (GB)

VT 011 769
Lawlis, G. Frank
Motivational Conflict and Employment Instability: A Research Study. Vol. II, No. 15. Discussion Papers.

Arkansas Univ., Fayetteville. Rehabilitation Research and Training Center.
MF AVAILABLE IN VT-ERIC SET.
ARR and TC 499
PUB DATE - ND 26p.

DESCRIPTORS - *COMPARATIVE ANALYSIS; *UNEMPLOYED; *MATCHED GROUPS; VOCATIONAL EDUCATION; *SELF CONCEPT; *PERSONALITY STUDIES; MOTIVATION; EMPLOYMENT PATTERNS

ABSTRACT - To better select conditions which would enable the chronically unemployed person to maintain a successful work pattern, a comparison was made between a group of chronically unemployed males and a matching group of employed males. Instruments used to measure motivation, personality traits, and self-concepts of the two groups included the Motivational Analysis Test and the Sixteen Personality Factors. Analysis of the data was facilitated by the use of matched pairs, the t-test, post-hoc tests, and correlations. Findings based on the gathered data indicate that chronically unemployed subjects have less self-sentiment, greater career conflict, lower personality integration, and higher total conflict, and are less assertive and more self-depreciative and self-restrictive than the matched employed subjects as was hypothesized. (AUTHOR/JS)

VT 011 774
Kirkbride, Keith Frank
A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries in the Area of Spokane, Washington.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 62p.

DESCRIPTORS - *MASTERS THESES; *AGRICULTURAL EDUCATION; *AGRICULTURAL SKILLS;

*AGRICULTURAL SUPPLY OCCUPATIONS; *VOCATIONAL EDUCATION; OFF FARM AGRICULTURAL OCCUPATIONS; WORK EXPERIENCE PROGRAMS; CURRICULUM DEVELOPMENT; POST SECONDARY EDUCATION; ON THE JOB TRAINING; SKILL DEVELOPMENT

ABSTRACT - To identify the degree of achievement of vocational competencies needed for employment in the grain, feed, seed, and farm supply industries, a survey was made of 31 managers of grain, feed, seed, and farm supply businesses. Each competency listed in the questionnaire was rated as to its relative importance for the positions of managers, supervisors, field agents, and mill operators. Compiled data indicate that a higher degree of achievement is needed for business and distributive competencies than for agricultural competencies. Competencies were rated higher for managers and field agents than for supervisors and mill operators. The more important competencies were used in preparing a proposed 2-year post-high school curriculum which includes instruction and a work experience program. This M.S. thesis was submitted to Washington State University. (GB)

VT 011 783
Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.
Nebraska State Advisory Council for Vocational Education.
Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun70 21p.

DESCRIPTORS - *EMPLOYMENT OPPORTUNITIES; *OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; *LABOR MARKET; *EMPLOYMENT LEVEL; VOCATIONAL EDUCATION; OCCUPATIONAL CLUSTERS; EMPLOYMENT STATISTICS; MODELS; EMPLOYMENT TRENDS
IDENTIFIERS - *NEBRASKA

ABSTRACT - As the third segment in a series of statewide studies, the emphasis of this report was placed on reducing the gap between state manpower research and the employer with specific manpower needs. Procedures for gathering data included an updating of the master population of 70,000 firms and a 3-percent computerized random selection of firms. This employment data was then projected to reflect statewide employment opportunities in each United States Office of Education occupational cluster for the next 12 months. Findings based on this treatment of data indicate that there are still many opportunities for the low-skilled jobs if the worker is sincere about wanting to work, and there are also employment opportunities for disadvantaged and handicapped persons. A projection of 156,136 persons needed for the following 2 years found the trade and industrial area leading with 55,001 persons needed, comprising 35.2 percent of the total. (JS)

VT 011 784
Bonner, Jack E.
A Look at the Job Market in Idaho.

Idaho State Dept. of Employment, Boise. Research and Analysis Section.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb70 53p.

DESCRIPTORS - *OCCUPATIONAL SURVEYS; OCCUPATIONAL INFORMATION; *OCCUPATIONS; LABOR SUPPLY; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT PRACTICES; *EMPLOYMENT COUNSELORS; EMPLOYMENT TRENDS; *JOB MARKET; *EMPLOYMENT SERVICES

ABSTRACT - Assuming that local employment office personnel acquire valuable information about their respective job markets, this project sought to collect data for the purpose of developing an employment picture for the state of Idaho. Using the interview method, job information concerning surplus occupations and changing employer practices was collected for these occupational areas: (1) clerical and sales, (2) professional and technical, (3) service, (4) farming, (5) processing, (6) machine trades, (7) bench work, (8) structural work, and (9) miscellaneous. Data revealed that inconsistencies may exist in job markets for particular occupations between different areas of the state and between different localities within areas. (JS)

VT 011 789
Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.

Cambridge Univ., (England). Farm Economics Branch.
MF AVAILABLE IN VT-ERIC SET.
Farm Economics Branch, Department of Land Economy, Cambridge University, Cambridge,

England ($.66).
PUB DATE - Jan69 43p.

DESCRIPTORS - *OCCUPATIONAL SURVEYS; *RURAL FARM RESIDENTS; *FARMERS; *OCCUPATIONAL MOBILITY; *RURAL ECONOMICS; ECONOMIC STATUS; SOCIOCULTURAL PATTERNS; INCOME; FOREIGN COUNTRIES
IDENTIFIERS - *ENGLAND

ABSTRACT - Farm visits and questions of a random sample of full-time small farmers in England were used in this survey to determine reasons why small farmers do not give up farming. The small farmer has compensations such as being his own boss and having satisfaction of wants and ambitions. The farmers have been provided with an exit if they wish to retire or try their fortune elsewhere. If they now choose to remain on their farms, their preference of life will be reason enough for staying since many are prosperous, happy, and successful. Appended are tables concerning the sample, personal ties witq farming, and the influence of location on potential mobility. (GB)

VT 011 809
Kansas Migration and Employment 1960-1968.

Kansas State Dept. of Labor, Topeka. Employment Security Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - May69 33p.

DESCRIPTORS - *MIGRATION; *MIGRATION PATTERNS; *EMPLOYMENT; *EMPLOYMENT PATTERNS; *COMPARATIVE ANALYSIS

ABSTRACT - Conducted to gain insight into the relationship of migration and employment as economic indicators, this study uses the analysis of specific geographic locales where extremes of economic conditions prevail, and comparison is made to migration and employment. This study is an attempt at only one of many indicators that would need analysis before an inference as to the cause of existing economic conditions in a specific area could be concluded. The years analyzed refer to calendar years January 1, 1960 to January 1, 1968, in which Kansas experienced net out-migration of 41,328 people, representing a negative rate of 1.79. While the trend of migration statewide has seemingly reversed from outward to inward, examination of areas within the state with the greatest degree of population concentration reveals dissimilar trends. (GB)

VT 011 813
75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969. Manpower Report 70-1.

Purdue Univ., Lafayette, Ind. Office of Manpower Studies.
MF AVAILABLE IN VT-ERIC SET.
Director, Office of Manpower Studies, Purdue University, SCC-A, West Lafayette, Indiana 47907 ($1.75, make checks payable to Purdue University).
PUB DATE - 30Apr70 218p.

DESCRIPTORS - *SENIORS; *SURVEYS; *OCCUPATIONAL CHOICE; *SOCIOECONOMIC BACKGROUND; ASPIRATION; EDUCATIONAL INTEREST

ABSTRACT - Recognizing the significance of young people's aspirations, this study combined socioeconomic background with reported hopes and plans for 46,500 Indiana high school seniors who completed correctly a questionnaire sent to about 76,000 seniors. The 24 questions were related to characteristics of the student and his family, vocational and educational plans, and interrelationships between various plans and characteristics. On the basis of their answers, the report provides response frequency, percentage distribution, comparison of variables, and analysis of interregional differences. The results are generalized for the entire population of 76,000 high school seniors. (BH)

VT 011 814
Bennett, Dorothy; Brown, David R.
Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).

Southern Regional Education Board, Atlanta, Ga.
Economic Development Administration (DOC), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun70 72p.

DESCRIPTORS - *SERVICE OCCUPATIONS; *MANPOWER NEEDS; *LOW INCOME COUNTIES; *UNEMPLOYED;

*EMPLOYMENT PROJECTIONS; UNDEREMPLOYED; MANPOWER UTILIZATION
IDENTIFIERS - *EAST TENNESSEE DEVELOPMENT DISTRICT; ETDD

ABSTRACT - This study of manpower demand forecasts employment in selected service occupations through 1975 for the East Tennessee Development District. The 16 economically disadvantaged counties in this region are characterized by excessive unemployment and underemployment. Data were gathered from personal interviews with training program administrators and participants, and from other persons in service agencies and personnel departments. After examining community, domestic, health, maintenance, and protective service occupations, the report concludes that their future is at least equal to the future of any other nonprofessional sector of the economy. There is a sizable untapped demand for services which could be met by using local unemployed and underemployed people. (BH)

VT 011 823
Labor in the Textile and Apparel Industries. Bulletin No. 1635.

Bureau of Labor Statistics (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L 2.3:1635, $1.00).
PUB DATE - Aug69 106p.

DESCRIPTORS - *MANPOWER UTILIZATION; *OCCUPATIONAL SURVEYS; *LABOR FORCE; *OCCUPATIONAL INFORMATION; LABOR TURNOVER; ORGANIZATION SIZE (GROUPS); EMPLOYMENT; WAGES; TECHNOLOGICAL ADVANCEMENT; TABLES (DATA)
IDENTIFIERS - TEXTILE INDUSTRY; APPAREL INDUSTRY

ABSTRACT - Information on labor and related economic conditions in the textiles and apparel industries of the United States and Puerto Rico was gathered from the Bureau of Labor Statistics, the Bureau of the Census, and other governmental agencies and summarized under these categories: (1) Employment, Unemployment and Labor Turnover, (2) Industry Location, (3) Establishment Size, (4) Labor Force Characteristics, including skill, education, race, sex, and age, (5) Technological Change, and (6) Wages and Industrial Relations. During 1968, the two industries combined employed an average of 2.4 million workers, with 985,000 in textiles and 1,417,000 in apparel; this accounted for about one-eighth of all manufacturing employment. The textiles industry is more concentrated regionally with almost 70 percent of the textile labor force employed in the South and the remainder largely in the Northeast. Both industries have high proportions of semi-skilled workers, most are white (90.5 percent) with a median age of 40.7 years in textiles and 41.7 years in apparel, but the educational attainment is below the level in manufacturing. Data tables are appended. (SB)

VT 011 826 ED 043 764
DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.

TECHNICAL EDUCATION RESEARCH CENTER, CAMBRIDGE, MASS.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-0-8-000973-1873(085) 24
BR-7-0973
PUB DATE - 70 274P.

DESCRIPTORS - *CAREER OPPORTUNITIES; *EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; *JOB ANALYSIS; *MANPOWER NEEDS; *MEDICAL LABORATORY ASSISTANTS; OCCUPATIONAL INFORMATION; OCCUPATIONAL SURVEYS; TECHNICAL EDUCATION

ABSTRACT - THIS REPORT IS AN ATTEMPT TO DEVELOP A COMPREHENSIVE PICTURE OF THE BIOMEDICAL EQUIPMENT TECHNICIAN (BMET), WHO SPENDS AT LEAST 50 PERCENT OF HIS TIME REPAIRING AND MAINTAINING BIOMEDICAL EQUIPMENT. IN ORDER TO ALERT POTENTIAL EMPLOYERS TO THE TECHNICIAN'S CAPABILITIES, AND TO PROVIDE INFORMATION ON ESTABLISHING TRAINING PROGRAMS, THE REPORT IDENTIFIES THE CHARACTERISTICS OF THE TECHNOLOGY, THE TYPES OF BMET'S IN THE FIELD, THE INSTITUTIONS WHICH EMPLOY THEM, AND THE TRAINING WHICH BMET'S CURRENTLY RECEIVE. ON THE BASIS OF DATA GATHERED DURING 278 INTERVIEWS WITH EMPLOYERS OF BMET'S IN 25 MAJOR CITIES, IT WAS PREDICTED THAT THE DEMAND FOR BMET'S WILL DOUBLE BY 1975. THE REPORT RECOMMENDS THAT ALL BMET TRAINING PROGRAMS EMPHASIZE SKILLS IN ELECTRONICS, TROUBLESHOOTING, AND REPAIR, WITH SECONDARY EMPHASIS ON MECHANICS, ELECTRO-MECHANICS, COMMUNICATIONS SKILLS, AND ADMINISTRATIVE-MANAGEMENT SKILLS. THE PROGRAM SHOULD FOCUS ON SPECIALTIES WHICH ARE FOUND THROUGH INTERACTION WITH POTENTIAL BMET EMPLOYERS TO BE RELEVANT TO THE REGIONAL JOB MARKET. (AUTHOR/BH)

VT 011 832
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966. Child Labor Bulletin No. 102

Wage and Labor Standards Administration (DOL), Washington, D.C. Wage and Hour Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - May70 6p.

DESCRIPTORS - *AGRICULTURE; *CHILD LABOR; *CHILD LABOR LAWS; *FEDERAL LAWS; *EMPLOYMENT; CHILDREN

ABSTRACT - Prepared by the United States Department of Labor, this pamphlet contains general information about the provisions of the Fair Labor Standards Act as amended in 1966 applying to minors employed in agriculture. Content includes 15 questions and answers applying to child labor and agriculture. (GB)

VT 011 851 ED 043 769
FULLER, WILLIAM P.
EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEC-4-7-062597-1654 24
BR-6-2597
PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305
PUB DATE - 70 138P.

DESCRIPTORS - ABILITY; ENVIRONMENTAL INFLUENCES; *FOREIGN COUNTRIES; *JOB TRAINING; OFF THE JOB TRAINING; ON THE JOB TRAINING; *PRODUCTIVITY; *SKILLED OCCUPATIONS; TASK PERFORMANCE; *TRADE AND INDUSTRIAL EDUCATION; WORK EXPERIENCE
IDENTIFIERS - *INDIA

ABSTRACT - TO EXAMINE THE CONTRIBUTIONS OF SPECIFIC KINDS OF OCCUPATIONAL TRAINING TO THE PRODUCTIVITY OF WORKERS WITH DIFFERENT LEVELS OF FORMAL SCHOOLING, INTERVIEWS WERE USED TO COLLECT DATA ON GENERAL EDUCATION, TRADE TRAINING, WORK EXPERIENCE, ENVIRONMENTAL CHARACTERISTICS, AND GENERAL ABILITY FROM 598 TURNERS, MILLERS, AND GRINDERS IN TWO FACTORIES IN BANGALORE, INDIA. THERE WERE SIGNIFICANT DIFFERENCES IN THE PRODUCTIVITY OF WORKERS WITH DIFFERENT KINDS OF TRAINING, BUT THE BEST PRODUCERS WERE WORKERS WITH SIMILAR LEVELS OF EDUCATION AND ENVIRONMENTAL BACKGROUNDS AND WITH MAINLY INFORMAL IN-PLANT TRAINING. WORKERS WHO HAD FORMAL TRAINING IN TECHNICAL SCHOOLS WERE PROMOTED WITHIN SKILLED OCCUPATIONAL CATEGORIES MORE RAPIDLY THAN WORKERS WITH PRIMARILY IN-PLANT TRAINING, WHICH SUGGESTS THAT PROMOTION IS DETERMINED MORE BY A CERTIFICATE OF QUALIFICATION THAN BY ACTUAL JOB PERFORMANCE. THE DIFFERENCES IN PRODUCTIVITY BETWEEN WORKERS WITH PRIMARILY OUTSIDE TRAINING AND OTHER WORKERS SEEM TO REFLECT DIFFERENCES IN ATTITUDES AND BEHAVIOR UNRELATED TO JOB KNOWLEDGE AND SKILL. (SB)

VT 011 909
A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.

New York State Education Dept., Albany.
MF AVAILABLE IN VT-ERIC SET.
The Publications Distribution Unit, State Education Department, Albany, New York 12224 (single copies only).
PUB DATE - 70 21p.

DESCRIPTORS - *AGRICULTURAL SKILLS; *AGRICULTURAL MACHINERY OCCUPATIONS; *OFF FARM AGRICULTURAL OCCUPATIONS; *AGRICULTURAL EDUCATION

ABSTRACT - To determine specific skills needed by a high school graduate seeking a job in an agricultural equipment dealership, a survey of 22 farm equipment dealers in New York State was taken by an associate of the Bureau of Agricultural Education. For each skill listed the dealer indicated whether it should be essential, supplemental, or not included in a high school occupational training program. The results of the study are recorded in this document and may be utilized in developing programs of instruction in agricultural equipment dealership. (GB)

EVALUATION AND MEASUREMENTS SECTION

VT 006 469
An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.

Stanislaus County Dept. of Education, Modesto, Calif.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 34p.

DESCRIPTORS - *CAREER PLANNING; VOCATIONAL EDUCATION; *OCCUPATIONAL INFORMATION; CAREER OPPORTUNITIES; REFERENCE MATERIALS; *FOLLOWUP STUDIES; *SCHOOL SURVEYS; *NONCOLLEGE PREPARATORY STUDENTS; HIGH SCHOOLS; JUNIOR COLLEGES

ABSTRACT - Known as Vocational Information for Education and Work (VIEW) this project placed in Stanislaus County high schools and Modesto Junior College an easily available set of reference materials pertaining to work opportunities for students not planning a college career. To evaluate this effort, questionnaire data were gathered from students, school personnel, and employers. This data, in turn, revealed that students using VIEW know more about job opportunities, and that they would use this material again if it were available. VIEW was also rated favorably by employers as to the accuracy of job information and by school personnel as to its value in providing occupational information. A special workshop was conducted to explain VIEW to guidance counselors from neighboring counties in the hope that the project would be expanded. (JS)

VT 006 861
Forest, Betty Lucille
The Utilization of Associate Degree Nursing Graduates in General Hospitals. League Exchange No. 82.

National League for Nursing, New York, N.Y. Dept. of Associate Degree Programs.
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.75).
PUB DATE - 68 82p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *GRADUATE SURVEYS; *VOCATIONAL FOLLOWUP; ASSOCIATE DEGREES; *MANPOWER UTILIZATION; *NURSES; TASK PERFORMANCE; JOB SKILLS; EDUCATIONAL PROGRAMS; EDUCATIONAL RESEARCH

ABSTRACT - To determine if associate degree nursing graduates employed in general hospitals in New York City were performing the functions for which they had been trained, questionnaires were administered to nursing service directors in 16 accredited general hospitals and to 64 graduates who had not had further formal academic preparation and had been employed for at least 3 months. Findings revealed that the graduates were performing technical nursing functions, but they were not being utilized exclusively for these functions as many reported clerical, managerial, cleaning, and medical-technical duties. Further, little or no consideration is given to the objectives of nursing programs and to preservice preparation when promotions from staff nurse to head nurse are made. It was recommended that improved communication between those who prepare and those who utilize the graduates be planned on a continuing basis. Also, objectives and content of the associate degree nursing programs should be included in graduate schools preparing nursing service administrators. (SB)

VT 009 394
Corlett, E.N., And Others
Skill and Operative Selection for Fine Manual Tasks: The O'Connor Finger Dexterity Test and the Purdue Pegboard.

Birmingham Univ., (England). Dept. of Engineering Production.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Apr69 19p.

DESCRIPTORS - *TESTING; *APTITUDE TESTS; *TEST VALIDITY; *SKILL DEVELOPMENT; *PSYCHOMOTOR SKILLS; SKILL ANALYSIS; BIBLIOGRAPHIES
IDENTIFIERS - O'CONNOR FINGER DEXTERITY TEST; PURDUE PEGBOARD

ABSTRACT - Experiments were conducted to examine modifications in the design, use, and method of scoring tests, for measuring aptitude for acquiring speed-skills in fine manual tasks. The O'Connor Finger Dexterity Test and the Purdue Pegboard were used as well as a modification of the Purdue Pegboard to study the possible importance of improvement in times taken to perform elements of a test rather than the level of initial performance. The continuous sequential recording of 12 subjects was carried out

to determine the effects of repetition on successive movements in the work cycles of the test. The performance of one highly skilled industrial subject was filmed in order to analyze movements more closely. This, jointly with the observations made during the other experiments, clearly indicated that results from these tests are too variable and are unreliable for speed-scale acquisition tests. Other conclusions regarding acquisitions of speed-scale and the validity of these tests for selection are reported. (CH)

VT 009 596
Joseph, M.P.; Almen, R.E.
Measurement of Attitudinal Changes by Means of an Adjective Check List.

Work Opportunity Center, Minneapolis, Minn.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 1Jun68 13p.

DESCRIPTORS - *SELF CONCEPT; ATTENDANCE; *MALES; *FEMALES; *PERCEPTION TESTS; *CHANGING ATTITUDES
IDENTIFIERS - *ADJECTIVE CHECK LIST

ABSTRACT - To determine if significant changes in self-perception were noted in Work Opportunity Center students as a result of their studies at the center, data were obtained from 32 boys and 22 girls who had been administered the Adjective Check List (ACL) during orientation and again at termination or after a reasonable period in the program. The average attendance was 46 years over a period of approximately 16 weeks. The mean age was 18 years and 1 month. Approximately 60 percent of the combined groups made improvements in self-perception scores. The number of girls making gains was significantly greater than those making losses. An analysis of the effect of number of attendance days on the extent of ACL score change did not reveal a significant difference in the total sample between those having the most and those with the least number of days. However, among the girls, those girls with the most attendance days had more gains than losses in self-perception scores. A zero rank-order correlation between extent of improvement in ACL score and the number of attendance days was found for both groups. (SB)

VT 010 073
Vinnes, Harold B., And Others
Analysis of Work Release for Felons in Minnesota.

Minnesota State Dept. of Corrections, St. Paul. Div. of Research and Planning.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb69 24p.

DESCRIPTORS - *CORRECTIONAL REHABILITATION; *PRISONERS; *WORK EXPERIENCE PROGRAMS; *PROGRAM EVALUATION; *PROBATIONARY PERIOD; STATE PROGRAMS; EMPLOYMENT OPPORTUNITIES

ABSTRACT - Since 1967, felons in Minnesota have been permitted to work at gainful employment in the community while serving their sentences. Unlike the paroled felon, the participant in this program must spend his nonworking hours in a local correctional institution. Data analyzes program activity from its inception in October 1967 and continuing through December 1968, including participants' background, skill level and income in the program, and disposition after leaving the program. The program appears to be a good alternative to parole, although the report warns against drawing firm conclusions until more experience has been gained. (BH)

VT 010 436
Katz, Blanche K.
Training for the Automotive Trades in New York City.

Public Education Association, New York, N.Y. Committee on Education, Guidance, and Work.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul69 33p.

DESCRIPTORS - *AUTO MECHANICS; *MANPOWER NEEDS; VOCATIONAL EDUCATION; TRAINING TECHNIQUES; *VOCATIONAL HIGH SCHOOLS; OCCUPATIONAL CHOICE; *TRADE AND INDUSTRIAL EDUCATION; EDUCATIONAL PLANNING; JOB PLACEMENT; *PROGRAM EVALUATION; SCHOOL SURVEYS
IDENTIFIERS - NEW YORK CITY; *AUTOMOTIVE TRADES

ABSTRACT - To develop a model for examining all vocational programs being considered for inclusion in comprehensive high schools, a study was made of the automotive trades program offered in the New York State vocational high schools. Factors examined were:

(1) Manpower Needs, (2) Manpower Supply, (3) Supply and Demand, (4) Factors Affecting Vocational Choice and Placement, and (5) Training Patterns. Recommendations were: (1) reorganization of program to meet student needs, (2) expansion of work-study program, (3) stipends provided for students electing 13th year, (4) establishment of training programs within dealer agency shops, (5) in-service training for present automotive teachers, (6) modification of civil service qualifications to permit employment after the 12th and 13th year, (7) increased cooperation between advisory board and automotive commission, and (8) optional offering in comprehensive high schools of driver education and training and automotive principles. A bibliography is given. (GR)

VT 010 982
House, Elaine W.
Skill Training for the Disadvantaged: Problems of Assessment.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 8Apr68 34p.; Presented to American Personnel and Guidance Assn. Convention (Annual, Detroit, Mich., Apr 8, 1968).

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; *PROGRAM EVALUATION; *EVALUATION METHODS; *CULTURALLY DISADVANTAGED; ADMINISTRATIVE PROBLEMS
IDENTIFIERS - *MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

ABSTRACT - The Manpower Development and Training Act (MDTA) provides for skill training which will benefit both the individual and society. Programs are given in varied settings and last for varied lengths of time, with a high turnover rate among instructors and administrators. These factors make accurate assessment quite difficult. To look only at the percentage of graduates employed ignores job retention and promotion, as well as the less tangible benefits. Additional problems arise because of a failure to use longitudinal analysis to evaluate the changes in the trainee as he passes through the program. Assessment could be improved by (1) stating educational objectives in behavioral terms, (2) using objective instruments following local norms, (3) studying dropouts, (4) using more paraprofessionals, (5) assessing attitudinal changes with video-tape techniques, and (6) coordinating the work of measurement specialists and skill center personnel. (BH)

VT 011 012
Lipton, Benjamin H., And Others
Survey of Graduates of the Joseph Bulova School of Watchmaking.

Bulova Watch Co. Foundation.
Bulova Fund.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep67 7p.

DESCRIPTORS - *VOCATIONAL FOLLOWUP; SKILLED OCCUPATIONS; TRADE AND INDUSTRIAL EDUCATION; *WATCHMAKERS; *PHYSICALLY HANDICAPPED; *PROGRAM EFFECTIVENESS; *PROGRAM EVALUATION; CURRICULUM DEVELOPMENT; OCCUPATIONAL INFORMATION; REHABILITATION COUNSELING; GRADUATE SURVEYS

ABSTRACT - To determine program effectiveness, provide a guide for curriculum development, demonstrate that the disabled can be effective and useful members of a community, and provide rehabilitation counselors with information about salaries and jobs, questionnaires were sent to all graduates to collect data pertaining to job titles, job description, and number of hours worked per week. A response from 493 graduates indicated that training skills acquired in either the watch repair or precision technician course were useful in placing the graduate in a competitive market or as an independent entrepreneur. Also, despite the fact that most of the graduates were seriously disabled, this disability generally did not affect obtaining, continuing, or advancing in a position. Though the types of jobs held were varied, many were within the same general job family, which demonstrates that graduates are not limited to watch repair but can find jobs in the precision mechanics field. Finally, even though curriculum modifications were not indicated by the results, future surveys should be conducted in order to maintain program effectiveness. (SB)

VT 011 019
The Extent of Registered Apprentice Training in New York State, 1967.

New York State Dept. of Labor, Albany.
New York State Education Dept., Albany.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep69 61p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *APPRENTICESHIPS; *PROGRAM ADMINISTRATION; *PROGRAM IMPROVEMENT; *PROGRAM EVALUATION; ARTICULATION (PROGRAM); PROGRAM PLANNING; RESEARCH NEEDS
IDENTIFIERS - NEW YORK

ABSTRACT - To determine the extent and nature of registered apprenticeship programs and classes of related instruction in New York and to improve the administration of the program, data were collected on the legislative background, growth of the program since World War II, requirements for registration, the roles of the Department of Labor and other agencies, and from the number and kinds of apprentices, programs, and instruction-related phases. Some recommendations were: (1) Devise a comprehensive planning system to improve the basis for estimating and budgeting the needs of related instruction, (2) Devise a more flexible standard for determining related instruction requirements, (3) Conduct studies to determine the quality and on-the-job success differential of apprentices having different exposure to related and supplemental instruction, and (4) Examine dropout experience. A listing of apprenticeable trades and data tables are appended. (SB)

VT 011 076
A Concerned Texas.

Texas Advisory Council for Technical-Vocational Education, Austin.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar70 21p.; A Report to the Honorable Preston Smith, Governor of Texas.

DESCRIPTORS - *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *ADVISORY COMMITTEES; *EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; ATTITUDES; RELEVANCE (EDUCATION); MANAGEMENT; *PROGRAM EVALUATION; FOLLOWUP STUDIES; MANPOWER NEEDS; RESOURCES; EDUCATIONAL FINANCE; PERSONNEL
IDENTIFIERS - TEXAS

ABSTRACT - In its report to the Governor, council expresses concerns in the following areas: attitude, relevance of education, educational snobbery, management structure, evaluation, needs of Texas, resources, personnel, and costs and funding. Some specific concerns are: (1) attitudes of snobbery held by businessmen, labor leaders, administrators, teachers, parents, and students toward vocational education, (2) education that does not prepare students for unfilled jobs, (3) a fragmented management structure at national, state, and local levels, (4) little evidence of commitment by secondary schools as to placement of students or followup to determine their success or failure, (5) funds provided on a cost-per-student per-year basis with little regard given to the benefit produced for the individuals or the economy, and (6) a need for qualified personnel. Several suggestions, observations, and questions accompany the concerns. (SB)

VT 011 684 ED 043 742
MORELAND, HENRY CLIFFORD, JR.
A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 129P.

DESCRIPTORS - BIBLIOGRAPHIES; *DOCTORAL PROGRAMS; DOCTORAL THESES; *FOLLOWUP STUDIES; GRADUATE SURVEYS; *INDUSTRIAL ARTS; *PROGRAM EFFECTIVENESS; *PROGRAM EVALUATION; QUESTIONNAIRES
IDENTIFIERS - COLORADO STATE COLLEGE

ABSTRACT - FIFTY GRADUATES (96.1 PERCENT) OF COLORADO STATE COLLEGE DURING THE YEARS 1960-1968, RECEIVING A DEGREE OF DOCTOR OF EDUCATION IN INDUSTRIAL ARTS EDUCATION, RETURNED A QUESTIONNAIRE DESIGNED TO COLLECT INFORMATION ABOUT THE EFFECTIVENESS OF THE DOCTORAL PROGRAM IN PREPARING THEM TO FUNCTION IN THEIR CURRENT POSITIONS. THE STUDY COVERED THE GRADUATES' BACKGROUNDS, VIEWS CONCERNING THEIR DOCTORAL TRAINING IN LIGHT OF THEIR PROFESSIONAL RESPONSIBILITIES, AND THEIR SUGGESTIONS AND RECOMMENDATIONS FOR THE IMPROVEMENT OF THE DOCTORAL PROGRAM. CONCLUSIONS WERE: (1) THE MAJORITY OF GRADUATES WERE WELL PLEASED WITH THE DOCTORAL PROGRAM IN INDUSTRIAL ARTS, (2) THE PHILOSOPHICAL SCOPE OF THE DEPARTMENT AND DOCTORAL PROGRAM WAS SOMEWHAT LIMITED TO INDUSTRIAL ARTS, (3) DOCTORAL ADVISORS WERE WELL QUALIFIED AND COMPETENT BUT THEIR TIME FOR ASSISTING WAS TOO LIMITED, (4) TECHNICAL COURSES SHOULD CONTINUE TO EARN CREDIT IN DOCTORAL PROGRAMS, (5) THE MAJORITY OF THE DOCTORAL GRADUATES ENTERED POSITIONS IN THE FIELD OF HIGHER EDUCATION WHILE SOME ASSUMED ADMINISTRATIVE RESPONSIBILITIES, (6) IN GENERAL, THE GRADUATE FACULTY WAS EXCELLENT, AND (7) GRADUATES CONSIDERED THEIR ASSOCIATIONS WITH OTHER DOCTORAL STUDENTS AND THE FACULTY AS THE MOST VALUABLE ASPECT

OF THEIR DOCTORAL PROGRAM. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 688 ED 043 746
WINTERS, KENNETH WAYNE
A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 231P.

DESCRIPTORS - BIBLIOGRAPHIES; COLLEGE GRADUATES; *CURRICULUM DEVELOPMENT; *CURRICULUM EVALUATION; DEGREE REQUIREMENTS; DOCTORAL THESES; *FOLLOWUP STUDIES; GRADUATE SURVEYS; *INDUSTRIAL ARTS; *INDUSTRIAL TECHNOLOGY; TEACHER EDUCATION

ABSTRACT - RESPONSES FROM 195 (89.4 PERCENT) OF 218 GRADUATES DURING 1965-69 PROVIDED INFORMATION WHICH RELATED TO THE PRESENT STATUS AND EFFECTIVENESS OF THE INDUSTRIAL ARTS TEACHER EDUCATION AND THE INDUSTRIAL TECHNICAL/TECHNOLOGY PROGRAMS AT MURRAY STATE UNIVERSITY. CONCLUSIONS WERE: (1) 90 PERCENT OF THE TEACHER EDUCATION GRADUATES AND 60 PERCENT OF THE TECHNICAL/TECHNOLOGY GRADUATES MAY WORK TOWARD AN ADVANCED DEGREE AT SOME TIME DURING THEIR CAREER, (2) TECHNICAL/TECHNOLOGY GRADUATES WILL MOST OFTEN BE EMPLOYED IN POSITIONS ENTITLED INDUSTRIAL ENGINEER, (3) INDUSTRIAL ARTS TEACHER EDUCATION GRADUATES WILL MORE COMMONLY BE EXPECTED TO TEACH INDUSTRIAL ARTS EITHER FULL-TIME OR PART-TIME AT THE HIGH SCHOOL LEVEL, (4) THE EXTREME GAP BETWEEN SALARIES OF TEACHER EDUCATION GRADUATES AND TECHNICAL/TECHNOLOGY GRADUATES IS CLOSING SLIGHTLY, (5) MANY GRADUATES OF BOTH PROGRAMS MAY DECIDE TO LEAVE THEIR FIELD AND ENTER UNRELATED OCCUPATIONS, (6) GRADUATES OF BOTH PROGRAMS SEE THE NEED AND MAKE RECOMMENDATIONS FOR CHANGES IN THE INDUSTRIAL EDUCATION CURRICULUM, (7) BOTH PROGRAMS ARE COMPATIBLE AND MAY OPERATE WITHIN THE SAME DEPARTMENT, AND (8) IT MAY BE EXPECTED THAT THERE WILL BE COMPARABLE NUMBERS TRANSFERRING FROM EITHER PROGRAM TO THE OTHER. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 749 ED 043 757
PUCEL, DAVID J., AND OTHERS
DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF TRADE AND INDUSTRIAL EDUCATION.
NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT (DHEW/OE), WASHINGTON, D.C.
DIVISION OF COMPREHENSIVE AND VOCATIONAL EDUCATION.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - JUL 70 67P.

DESCRIPTORS - ANALYSIS OF VARIANCE; APTITUDE TESTS; COMPARATIVE TESTING; CORRELATION; *DROPOUTS; *GRADUATE SURVEYS; *MEASUREMENT INSTRUMENTS; *OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; STUDENT CHARACTERISTICS; SUCCESS FACTORS; *VOCATIONAL EDUCATION
IDENTIFIERS - MINNESOTA; *PROJECT MINI SCORE

ABSTRACT - TWO STUDIES WERE CONDUCTED TO DETERMINE THE ABILITY OF THE PROJECT MINI-SCORE TEST BATTERY TO DIFFERENTIATE AMONG GRADUATES FROM DIFFERENT VOCATIONAL CURRICULUMS AND AMONG GRADUATES AND DROPOUTS FROM SELECTED VOCATIONAL CURRICULUMS. THE POPULATION USED IN THE FIRST STUDY CONSISTED OF 1,696 GRADUATES FROM SEVEN PREDOMINANTLY MALE AND FIVE PREDOMINANTLY FEMALE OCCUPATIONAL CURRICULUMS. ANALYSES OF VARIANCE OF MEAN SCORES REVEALED THAT THERE WERE SUBSTANTIAL DIFFERENCES AMONG PERSONS WHO ENTER AND GRADUATE FROM DIFFERENT VOCATIONAL PROGRAMS ON DIMENSIONS MEASURED BY THE TEST BATTERY. A SUB-SAMPLE FROM TWO MALE AND TWO FEMALE CURRICULUMS WAS SELECTED FOR FURTHER INVESTIGATION. ANALYSIS OF DATA BY MEANS OF CORRELATION TECHNIQUES REVEALED THAT SPECIFIC ATTEMPTS TO PREDICT WHETHER OR NOT PERSONS COULD DROP OUT OF EACH OF THE FOUR PROGRAMS BASED ON DATA FROM EACH INSTRUMENT WERE NOT AS SUCCESSFUL. THE STUDIES REVEALED THAT THE INSTRUMENTS ARE CAPABLE OF DIFFERENTIATING AMONG CURRICULUMS TO A MUCH LARGER EXTENT THAN THEY ARE CAPABLE OF DIFFERENTIATING AMONG GRADUATES AND DROPOUTS WITHIN A GIVEN CURRICULUM. A RELATED DOCUMENT IS AVAILABLE AS ED 025 658. (AUTHOR)

VT 011 770
Price, Ray G., Ed.
Assessment of Educational Programs.

Minnesota Univ., Minneapolis.
Delta Pi Epsilon, Minneapolis, Minn. Phi Chapter
Minnesota Research Coordinating Unit in Occupational Education, Minneapolis
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 45p.; Proceedings of the Annual Research Conference for Graduate

Advisors in Business Education (11th, University of Minnesota, Minneapolis, May 12-13, 1969).

DESCRIPTORS - *CONFERENCE REPORTS; *BUSINESS EDUCATION; *PROGRAM EVALUATION; *RESEARCH NEEDS; BUSINESS EDUCATION TEACHERS; DISTRIBUTIVE EDUCATION; EDUCATIONAL NEEDS; *FACULTY ADVISORS; EDUCATIONAL PROGRAMS

ABSTRACT - Based on a 2-day conference for graduate advisors in business education, this report summarizes methods of program assessment and research needs primarily for the areas of business education and distributive education. Presentations reviewed in the document are: (1) "The National Assessment of Educational Progress" by Jack Merwin, (2) "The Assessment of the Developmental Economic Education Program" by John Maher, (3) "The Assessment of Office Education Programs" by Elaine Uthe, (4) "The Assessment of Distributive Education Programs" by Neal Vivian, (5) "The Assessment of Research Needs in Economic Education" by Darrell Lewis, (6) "The Assessment of Research Needs in Business Education" by Geraldine Farmer, and (7) "The Assessment of Research Needs in Distributive Education" by Mary Klaurens. (JS)

VT 011 772
Potter, Theodore Lee
A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 87p.

DESCRIPTORS - *MASTERS THESES; *VOCATIONAL AGRICULTURE TEACHERS; *PROGRAM EVALUATION; *VOCATIONAL AGRICULTURE; *AGRICULTURAL ENGINEERING; COMPARATIVE ANALYSIS; QUESTIONNAIRES; INSTRUCTIONAL IMPROVEMENT; PROGRAM IMPROVEMENT

ABSTRACT - To compare the agricultural mechanics programs of selected Washington vocational agriculture departments to a model program and to make recommendations for improvements in instruction, data from two sets of questionnaires were utilized in this study. One set of questionnaires was sent to a jury of 13 agricultural engineering and agricultural education experts. The other set of questionnaires was sent to selected groups of vocational agriculture teachers. The results of the study indicated that teachers are doing a good job of agricultural mechanics instruction, except for an apparent weakness in the agricultural power and equipment division of instruction. It was recommended that vocational agriculture teachers balance their programs to include more instruction in agricultural power and equipment. This M.S. thesis was submitted to Washington State University. (GB)

VT 011 848 ED 043 767
HEIMSTRA, NORMAN W.; LUCAS, RICHARD L.
AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.

SOUTH DAKOTA UNIV., VERMILLION. DEPT. OF PSYCHOLOGY.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-6-9-009054-0081(010) 24
BR-9-F-054
PUB DATE - JUN 70 30P.

DESCRIPTORS - COMPARATIVE ANALYSIS; *CRITICAL INCIDENTS METHOD; *DECISION MAKING SKILLS; *DRIVER EDUCATION; EXPERIMENTAL PSYCHOLOGY; MEASUREMENT; *PROGRAM EVALUATION; *SIMULATED ENVIRONMENT

ABSTRACT - TO HELP EVALUATE DRIVER EDUCATION, 50 INDIVIDUALS WERE TESTED AND TRAINED BY MEANS OF A SIMULATION TECHNIQUE TO DETERMINE IF DRIVERS COULD BE TAUGHT TO MAKE ACCURATE LAST MINUTE PASSING JUDGMENTS, AND IF KNOWLEDGE OF DIRECTION AND MAGNITUDE OF ERROR ON INDIVIDUAL TRIALS WOULD HAVE ANY INFLUENCE ON THIS TRAINING. IN A PROJECTION ROOM, EACH SUBJECT WATCHED AS THE CAMERA CAR HE WAS SUPPOSEDLY DRIVING ACTUALLY PASSED A LEAD CAR. FOLLOWING THIS SEQUENCE EACH SUBJECT WAS ADMINISTERED A PRETEST, INVOLVING AN ONCOMING SCENE FILM DURING WHICH THE SUBJECT WAS TO PRESS A SWITCH WHEN HE BELIEVED THE LAST POSSIBLE MOMENT FOR PASSING HAD ARRIVED. THEN IN FOLLOWUP FILM SESSIONS ONE GROUP OF SUBJECTS RECEIVED INSTANT FEEDBACK ON EACH PERFORMANCE WHILE A SECOND GROUP DID NOT. ANALYSIS OF THE DATA SHOWED THAT THERE WAS A SIGNIFICANT CORRELATION (.57) BETWEEN THE ON-THE-ROAD AND IN THE LAB PERFORMANCE ON THIS TYPE OF TASK. IT WAS ALSO FOUND THAT SUBJECTS RECEIVING THE FEEDBACK IMPROVED SIGNIFICANTLY IN A POSTTEST MEASURE WHILE THE OTHER GROUP FAILED TO IMPROVE IN ACCURACY OF PASSING JUDGMENT. (AUTHOR)

VT 011 859 ED 043 770
WILSON, ROGER JOHN
AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOE TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 153P.

DESCRIPTORS - *COOPERATIVE EDUCATION; POST SECONDARY EDUCATION; *PROGRAM EVALUATION; PROGRAM IMPROVEMENT; *SUPERVISORY TRAINING; *SURVEYS; TECHNICAL EDUCATION; *TRAINERS; *VOCATIONAL EDUCATION; WORK EXPERIENCE

ABSTRACT - BY PASSING THE 1968 VOCATIONAL EDUCATION ACT WITH ITS SPECIAL PROVISIONS FOR COOPERATIVE EDUCATION, CONGRESS HAS HIGHLIGHTED THE VALUE AND RAPID GROWTH OF ON-THE-JOB PROGRAMS. HOWEVER, WITH THIS INCREASED EMPHASIS ON COOPERATIVE EDUCATION COMES THE NEED FOR INVESTIGATING THE PRESENT PRACTICES OF SELECTING AND PREPARING THE ON-THE-JOB TRAINER ASSIGNED TO A STUDENT-LEARNER. FOR THE MOST PART DATA FOR THE STUDY WAS GATHERED BY REVIEWING RELATED LITERATURE AND VISITING A SAMPLE OF NINE 2-YEAR INSTITUTIONS TO INTERVIEW TEACHER-COORDINATORS. AN ANALYSIS OF THE INTERVIEW FINDINGS LED TO THE CONCLUSION THAT THE SELECTION OF THE ON-THE-JOB TRAINER WAS UNDER THE CONTROL OF THE TEACHER-COORDINATOR THROUGH HIS APPROVAL OR DISAPPROVAL OF THE COOPERATING EMPLOYER. IT WAS ALSO CONCLUDED THAT THE ON-THE-JOB TRAINER WAS GIVEN LITTLE IF ANY PLANNED PREPARATION BEFORE HE UNDERTOOK HIS TEACHING TASK. A SIGNIFICANT RECOMMENDATION OF THIS STUDY IS THAT TEACHER-COORDINATORS MUST TAKE ADVANTAGE OF THEIR RESPONSIBILITY AND POSITION TO CONTROL THE SELECTION AND PREPARATION OF THE ON-THE-JOB TRAINERS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 878
Parker, Melville G.; Baker, Richard A.
Development of a Scale to Measure Attitudes Toward Vocational Education. Research and Development Report No. 1.

Auburn Univ., Ala. Occupational Research and Development Unit.
Alabama State Dept. of Vocational Education, Montgomery.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 15p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *ATTITUDES; *RATING SCALES; MEASUREMENT INSTRUMENTS; *PREDICTIVE MEASUREMENT; MEASUREMENT TECHNIQUES; COMMUNICATIONS; *SCHOOL COMMUNITY COOPERATION; COMMUNITY LEADERS

ABSTRACT - As an initial effort to develop more effective communications and cooperative relationships between vocational educators and persons in community and education leadership positions, this project sought to develop a scale for measuring attitudes toward vocational education. Over 200 statements of attitudes toward vocational education were developed from interviews with staff members of the Occupational Research and Development Unit, from related literature, and from items adapted from existing attitude scales. These statements were then edited and reviewed by a group of judges and subsequently reduced to 91 acceptable statements. Next, experiment involved testing two sets of statements using a group of off-campus students and a group of campus students. Findings based on these procedures strengthen confidence in the validity of the scale, at least as applied to educators, and lend support to the contention that as few as 15 judges may be used to obtain scale values for an attitude scale constructed by the equal-appearing interval method. (JS)

VT 011 905
Frazier, William D.; Harris, James L.
A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.

Oklahoma Vocational Research Coordinating Unit, Stillwater.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun70 30p.

DESCRIPTORS - *GRADUATE SURVEYS; *COMPARATIVE ANALYSIS; *VOCATIONAL EDUCATION; *RESEARCH METHODOLOGY; GRADUATES; CLASSIFICATION; SCHOOL SURVEYS

ABSTRACT - This report compares two followup studies of the postgraduate occupational and educational activities of occupational trainees, with one study based on a teacher survey, and the other on a graduate survey. In order to determine the most cost-

effective method, the report identifies differences between the two sets of data and explains their significance. Using chi square tests, the report concludes that both methods produced inaccuracies, but because of speed and cost considerations, the teacher followup is preferable until a better method is devised. (BH)

VT 011 927 ED 043 776
EDGAR, NICHOLAS J.
A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.

MAHONING VALLEY VOCATIONAL SCHOOL, VIENNA, OHIO.
OHIO STATE DEPT. OF EDUCATION, COLUMBUS. DIV. OF VOCATIONAL EDUCATION.
EDRS PRICE MF-$0.65 HC-$9.87
PUB DATE - MAY 67 300P.

DESCRIPTORS - EDUCATIONAL INNOVATION; FOLLOWUP STUDIES; *GRADUATE SURVEYS; JOB PLACEMENT; OCCUPATIONAL SURVEYS; OPINIONS; PERSONNEL DATA; *PILOT PROJECTS; PROGRAM EFFECTIVENESS; *PROGRAM EVALUATION; QUESTIONNAIRES; *RESIDENTIAL SCHOOLS; *VOCATIONAL TRAINING CENTERS

ABSTRACT - MAHONING VALLEY VOCATIONAL SCHOOL (MVVS) IS THE ONLY RESIDENT OCCUPATIONAL TRAINING PROGRAM IN OHIO UNDER THE MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA). FOR THIS REASON AND BECAUSE IT IS AN INNOVATION IN YOUTH TRAINING IN THE UNITED STATES, THE SCHOOL WAS EVALUATED FOR ITS EFFICIENCY AND ITS EFFECTIVENESS IN PREPARING YOUTH FOR THE WORLD OF WORK. TO GATHER THE DATA NECESSARY TO EVALUATE THIS EXPERIMENTAL PROGRAM A SERIES OF QUESTIONNAIRES WERE USED TO SURVEY-INTERVIEW PREVIOUS TRAINEES, AND TO INTERVIEW THE TRAINEE'S FAMILY, EMPLOYERS OF TRAINEES, AND PERSONNEL OF SCHOOLS ATTENDED BY THE TRAINEE PRIOR TO ENTERING MVVS. THE SURVEY REVEALED AN OVERALL PLACEMENT RATE OF 88 PERCENT FOR THE FIRST 2 TRAINING YEARS, WITH THE HIGHEST PLACEMENT RATES REGISTERED FOR AUTO TRAINING, DRAFTING, MACHINE SHOP OPERATOR, AND WELDING. SPECIFIC PROBLEMS IDENTIFIED AS HINDERING THE PLACEMENT OF GRADUATES INCLUDED: (1) A PREVIOUS COURT RECORD, (2) THE LACK OF A HIGH SCHOOL DIPLOMA, (3) THE SELECTIVE SERVICE STATUS OF MANY GRADUATES, AND (4) THE LACK OF PRACTICAL EXPERIENCE. AMONG THE MANY RECOMMENDATIONS IS ONE STATING THAT THE PILOT EXPERIMENTAL TITLE AND CONCEPT SHOULD BE REAPPLIED TO MVVS FOR AT LEAST 2 MORE YEARS IN ORDER TO PROVIDE A MORE COMPLETE EVALUATION OF THIS TYPE PROGRAM. (AUTHOR/JS)

VT 011 934 ED 043 777
FLANAGAN, JOHN C., AND OTHERS
DESIGN FOR A STUDY OF AMERICAN YOUTH.

AMERICAN INSTITUTES FOR RESEARCH, PITTSBURGH, PA.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$9.87
CRP-635
HOUGHTON MIFFLIN, 2 PARK STREET, BOSTON, MASSACHUSETTS 02107 ($4.28, PAPER COPY $2.08)
PUB DATE - 62 245P.

DESCRIPTORS - ASPIRATION; COUNSELING; DATA COLLECTION; FOLLOWUP STUDIES; HUMAN RESOURCES; LONGITUDINAL STUDIES; PERSONAL GROWTH; *PERSONALITY ASSESSMENT; PERSONALITY DEVELOPMENT; PREDICTIVE ABILITY (TESTING); *RESEARCH DESIGN; *RESEARCH METHODOLOGY; STUDENT TESTING; SURVEYS; *TALENT IDENTIFICATION; *TEST CONSTRUCTION; YOUTH

ABSTRACT - PROJECT TALENT IS A LARGE-SCALE, LONG-RANGE EDUCATIONAL RESEARCH EFFORT AIMED AT DEVELOPING METHODS FOR THE IDENTIFICATION, DEVELOPMENT, AND UTILIZATION OF HUMAN TALENTS, WHICH HAS INVOLVED SOME 440,000 STUDENTS IN 1,353 PUBLIC, PRIVATE, AND PAROCHIAL SECONDARY SCHOOLS IN ALL PARTS OF THE COUNTRY. DATA COLLECTED THROUGH TEACHER-ADMINISTERED TESTS, INCLUDED SOME 2,000 ITEMS OF INFORMATION ABOUT EACH STUDENT AND SOME 1,000 ITEMS ABOUT EACH SCHOOL. THE STUDENT INFORMATION INCLUDED MEASURES OF (1) BREADTH OF GENERAL INFORMATION, (2) INTERESTS, (3) INFORMATION IN SPECIFIC AREAS, (4) VOCABULARY, (5) MOTIVATIONAL FACTORS, AND (6) SCIENTIFIC ATTITUDE. OTHER MEASURES INCLUDED THOSE CONCERNED WITH MEMORY FOR SENTENCES, THE ABILITY TO USE THE ENGLISH LANGUAGE, AND TESTS DEALING WITH CREATIVITY AND MECHANICAL REASONING. USE WAS ALSO MADE OF INVENTORIES TO EXPLORE PERSONALITY, VOCATIONAL INTERESTS, AND EXPERIENCES. THIS INFORMATION IS IN THE COMPUTER PROCESSING STAGES AND WILL PROVIDE DATA FOR LATER REPORTS DESCRIBING THE SCHOOLS THESE STUDENTS ATTENDED AND THE INTERESTS, APTITUDES, ABILITIES, ACTIVITIES, AND PLANS OF THE STUDENTS. ANTICIPATED CONTINUING STUDIES WILL BE MADE AT ONE, FIVE, TEN, AND TWENTY YEARS. (AUTHOR/JS)

VT 011 959
Tentative Standards of the Committee on Occupational Education.

Southern Association of Colleges and Schools, Atlanta, Ga. Committee on Occupational

Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 3Dec69 19p.

DESCRIPTORS - *ACCREDITATION (INSTITUTIONS); PROGRAM IMPROVEMENT; *STANDARDS; *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; EDUCATIONAL POLICY; *SELF EVALUATION; EQUIPMENT; INSTRUCTIONAL STAFF; PROGRAM PLANNING; STUDENT PERSONNEL PROGRAMS; JOB PLACEMENT; EVALUATION CRITERIA; ADMINISTRATIVE PERSONNEL

ABSTRACT - Administrators and program supervisors in area vocational schools and other institutions not yet eligible for membership in accrediting associations should be interested in learning that they are eligible to become affiliated institutions in order to develop and apply standards of quality and procedures for self-improvement and evaluation. These standards were designed to aid in assessing and improving the quality of occupational education in the following 12 areas: (1) Philosophy and Purpose of Institution, (2) Organization and Administration, (3) Educational Programs, (4) Financial Resources, (5) Staff, (6) Physical Facilities, (7) Equipment and Supplies, (8) Student Personnel Services, (9) Community Relations, (10) Long Range Planning, (11) Learning Resource Center(s), and (12) Placement and Follow-Up. Also included in the document is a statement of policy and dictionary of terms. A related document is available as VT 011 957 (also in this issue). (JS)

VT 011 965 ED 043 785
AL-BUKHARI, NAJATI MOHAMMED AMIN
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEC-4-7-062597-1654 24
BR-6-2597
PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305
PUB DATE - 68 194P.

DESCRIPTORS - ARTICULATION (PROGRAM); COST EFFECTIVENESS; EDUCATIONAL FINANCE; *EDUCATIONAL PROGRAMS; EXPENDITURE PER STUDENT; FOLLOWUP STUDIES; *FOREIGN COUNTRIES; GENERAL EDUCATION; GRADUATE SURVEYS; *MANPOWER NEEDS; ON THE JOB TRAINING; *PROGRAM EFFECTIVENESS; SECONDARY SCHOOLS; *TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL FOLLOWUP
IDENTIFIERS - *JORDAN

ABSTRACT - TO INVESTIGATE AND ANALYZE THE ROLE OF JORDANIAN SECONDARY INDUSTRIAL SCHOOLS IN MEETING MANPOWER NEEDS AND TO DETERMINE THE RELATIVE COSTS AND EFFECTIVENESS OF OCCUPATIONAL PREPARATION THROUGH INDUSTRIAL SCHOOLS AS COMPARED WITH GENERAL SCHOOLING OR ON-THE-JOB TRAINING, FOLLOWUP QUESTIONNAIRES WERE MAILED TO 352 GRADUATES FROM TWO INDUSTRIAL SCHOOLS. THE RESPONSE REVEALED THAT 194 GRADUATES WERE EMPLOYED IN JORDAN, AND 90 OF THESE WERE SELECTED FOR FURTHER INTERVIEWS. IN ADDITION, 22 WORK-COMPANIONS AND 58 WORKERS DOING THE SAME TASKS WERE INTERVIEWED. FINDINGS CONCERNING THE UTILIZATION OF THE INDUSTRIAL SCHOOL CURRICULUM SUGGEST THAT THE MORE SPECIFIC THE TRAINING, THE LESS ITS LIKELIHOOD OF BEING RELEVANT TO ACTUAL JOB-RELATED NEEDS. THEREFORE, THE EDUCATIONAL SYSTEM SHOULD PUT LESS EMPHASIS ON SPECIFIC TRAINING AND MORE EMPHASIS ON PRODUCING READILY TRAINABLE, RATHER THAN SPECIFICALLY TRAINED, PERSONS. ALSO, A LARGE SHARE OF FUTURE GOVERNMENT INVESTMENT SHOULD BE USED TO EXPAND AND IMPROVE TRAINING OPPORTUNITIES WITHIN THE EMPLOYMENT SYSTEM. AN OCCUPATIONAL UPGRADING PROGRAM IS NEEDED IN THE PRIVATE INDUSTRIAL ESTABLISHMENTS AND WELL ORGANIZED PROGRAMS SHOULD BE ESTABLISHED FOR PUBLIC INDUSTRIES. AN OCCUPATIONAL TRAINING ORGANIZATION SHOULD BE SET UP TO ARTICULATE THE PROGRAM. A RELATED DOCUMENT IS AVAILABLE AS VT 011 966. (SB)

INDIVIDUALS
WITH SPECIAL NEEDS
SECTION

VT 009 915
Cloward, Robert D.; Grotzke, Heinz
A Survey of Special Needs Students in Rhode Island.

Rhode Island Occupational Research and Development Coordinating Unit, Providence.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug69 23p.

DESCRIPTORS - *SCHOOL SURVEYS; *ACADEMIC FAILURE; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; *STUDENT NEEDS; LOW ABILITY STUDENTS; EDUCATIONAL NEEDS; BEHAVIOR PROBLEMS; LOW MOTIVATION; EDUCATIONALLY DISADVANTAGED; CULTURALLY DISADVANTAGED
IDENTIFIERS - RHODE ISLAND

ABSTRACT - The study sample consisted of all ninth-grade students (2,441) in the public schools of Providence and Woonsocket; Providence because it is the largest city in the state and has a large black population and Woonsocket because it is one of the larger cities in the state and has a population of economically disadvantaged whites and culturally handicapped French-speaking people of Canadian extraction. Special needs students were defined as those who had failed one or more subjects in the eighth or ninth grade or who had repeated the grade. Failure and non-failure were then cross tabulated in terms of five categories to determine the distinguishing characteristics of special needs students. The 502 Providence students with failures were categorized as follows: socioeconomic handicap--24 percent; education handicap--57 percent; low ability--20 percent; low motivation--16 percent; behavioral problems--11 percent. The 51 Woonsocket students with failures were categorized as follows: socioeconomic handicap--12 percent; educational handicap--2 percent; low ability--none; low motivation--12 percent; and behavioral problems--39 percent. Data regarding types of curriculum in which failing and non-failing students were participating are also included as well as a recommended 4-stage model vocational curriculum. Study instruments are appended. (JK)

VT 009 929
Bridging the Employment Gap: Strategies for Success, and Causes, Consequences, and Cures for Labor Turnover Problems. Manpower Contribution Number 2.

Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 22Mar68 36p.; Manpower Research Symposium (2nd, Norfolk State College, Va., March 22, 1968).

DESCRIPTORS - *UNEMPLOYED; *LABOR TURNOVER; NEGRO EMPLOYMENT; WORK ATTITUDES; *MANPOWER UTILIZATION; *DISADVANTAGED YOUTH; ON THE JOB TRAINING; SUMMER PROGRAMS

ABSTRACT - This meeting dealt first with the training and hiring of the hard-core unemployed by industry. The second part of the program involved the problem of labor turnover, including problems faced by the U.S. Army in its summer-hire programs for disadvantaged students. Commitment and attitudes were stressed as important factors in hiring the unemployed and in keeping them working. (BH)

VT 010 071
Tuma, Joseph V.
Job Training for the Disadvantaged--Are We on Target?

Office of Education (DHEW), Washington, D.C. Div. of Manpower Development and Training
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 17p.

DESCRIPTORS - *RELEVANCE (EDUCATION); VOCATIONAL EDUCATION; JOB TRAINING; *CULTURALLY DISADVANTAGED; *TEACHER CHARACTERISTICS; *MANPOWER DEVELOPMENT; TEACHER EDUCATION; *FEDERAL PROGRAMS

ABSTRACT - To focus upon teacher characteristics as an important component of relevant education for the disadvantaged, findings of studies relating to personal characteristics, values, interests and aspirations of manpower instructors are cited. Some conclusions drawn from preliminary data about these instructors are: (1) Instructors have substantial experience in a non-teaching vocation, (2) The age level is higher than that of regular teachers, (3) The level of academic achievement is lower than for regular teaching positions, and (4) Instructors feel a high degree of personal commitment to other people. (JK)

VT 010 146
Training and Technology: Organized Labor's Participation in a Training Experiment. An Experimental Manpower Development Project.

Oak Ridge Associated Universities, Tenn.
Tennessee Univ., Knoxville.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Office of Education (DHEW), Washington, D.C.
Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 25p.

DESCRIPTORS - *MANPOWER DEVELOPMENT; *UNDEREMPLOYED; *UNEMPLOYED; EXPERIMENTAL PROGRAMS; TRAINING LABORATORIES; EDUCATIONAL OPPORTUNITIES; EDUCATIONAL PROGRAMS; *TRADE AND INDUSTRIAL EDUCATION; LABOR UNIONS; *LABOR EDUCATION
IDENTIFIERS - *TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The Training and Technology Project (TAT) hoped to demonstrate that unemployed and underemployed persons could be prepared for entry-level jobs in a year or less through technical training in an industrial setting. Training in Phase I was conducted in two cycles, from September 1966 through September 1967 (52 weeks), and from September 1967 through July 1968 (42 weeks) in six skills--electronics, machining, welding, drafting, physical testing, and glass fabrication. This document summarizes the participation of organized labor in Phase I of TAT. Labor unions were involved in recruitment, assistance in training, participation in project experimentation and research, and union representation on the advisory committee. Local unions were given an opportunity to discuss problems concerning training, and the TAT staff attempted solutions to these problems. The International Brotherhood of Electrical Workers (IBEW) were critical of TAT on the basis of what local union members felt to be faulty information. When IBEW designated a staff member to work locally with TAT, objections were withdrawn. Labor seminars were held for the trainees to acquaint them with the role of labor unions in an industrial society. An outline of a typical seminar presentation is included. (GR)

VT 010 179 ED 042 878
PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).

PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED, WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - MAY 68 36P.

DESCRIPTORS - DEVELOPING NATIONS; *EMPLOYMENT; *HANDICAPPED; *INTERNATIONAL ORGANIZATIONS; *MANPOWER DEVELOPMENT; *REHABILITATION
IDENTIFIERS - ILO; INTERNATIONAL LABOR ORGANIZATION; *UNITED NATIONS

ABSTRACT - THIS MEETING INVESTIGATED THE INVOLVEMENT OF INTERNATIONAL ORGANIZATIONS IN REHABILITATION AND THE POTENTIAL THAT EXISTS FOR INCREASED PARTICIPATION. EXPERTS FROM THE U.S. GOVERNMENT LOOKED AT THE OPERATIONS OF THE UNITED NATIONS, INCLUDING THE UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND CULTURAL ORGANIZATION (UNESCO), AND THE INTERNATIONAL LABOR ORGANIZATION (ILO) IN TERMS OF THEIR EFFORTS AT REHABILITATION AND EMPLOYMENT OF THE HANDICAPPED. THE FINDINGS PROVIDE SUPPORT FOR THE ADVOCATES OF INCREASED EFFORTS AT INTERNATIONAL REHABILITATION. (BH)

VT 010 264 ED 042 879
GOGSTAD, ANDERS C.
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.

BERGEN UNIV. (NORWAY).
KAROLINSKA INST., STOCKHOLM (SWEDEN).
NORWEGIAN STATE REHABILITATION INST., BERGEN.
DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITETSFORLAGET, BOX 307, BLINDERN, OSLO, 3, NORWAY OR BOX 142, BOSTON, MASSACHUSETTS 02113 ($8.00)
PUB DATE - 68 155P.

DESCRIPTORS - *FAILURE FACTORS; *PARTICIPANT CHARACTERISTICS; *PHYSICALLY HANDICAPPED; PSYCHOLOGICAL CHARACTERISTICS; *REHABILITATION PROGRAMS; *VOCATIONAL REHABILITATION

ABSTRACT - PHYSICAL DISABILITY FROM DISEASE OR INJURY OFTEN RESULTS IN A PERMANENT STATE OF SOCIAL INSUFFICIENCY, ESPECIALLY WHEN THE DISABILITY IS REINFORCED BY INDIVIDUAL OR ENVIRONMENTAL FACTORS. IN A STUDY OF ALMOST 700 PERSONS TREATED AT A NORWEGIAN REHABILITATION CENTER, REGRESSION ANALYSIS WAS USED TO COMPARE THOSE WHO BENEFITED FROM THE PROGRAM WITH THOSE WHO DID NOT. THE HYPOTHESIS TESTED WAS BASICALLY THAT THE POPULATION REFERRED TO THE INSTITUTE DIFFERED SIGNIFICANTLY FROM THE REGION'S GENERAL POPULATION IN SEVERAL RESPECTS. THE INVESTIGATION FOUND COMPLEX RELATIONSHIPS BETWEEN VARIABLES, WITH THE MOST SIGNIFICANT FAILURE CHARACTERISTICS BEING AGE AND MENTAL DISTURBANCE. THE STUDY STRESSED THE NEED TO COUNTERACT PASSIVE DEPENDENCE, IN ORDER TO STRENGTHEN SELF-CONFIDENCE AND MOTIVATION. (BH)

VT 010 375 ED 042 882
REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - 68 56P.

DESCRIPTORS - *DISADVANTAGED YOUTH; *DROPOUTS; *EMPLOYMENT PROGRAMS; *FEDERAL PROGRAMS; GUIDANCE COUNSELING; JOB PLACEMENT; *NEIGHBORHOOD CENTERS; TABLES (DATA)
IDENTIFIERS - TESTING INFORMING DISCUSSING AND EVALUATING; TIDE; YOC; *YOUTH OPPORTUNITY CENTERS

ABSTRACT - YOUTH OPPORTUNITY CENTERS (YOC'S) SPONSORED A TESTING, INFORMING, DISCUSSING, AND EVALUATING (TIDE) PROGRAM FOR YOUTH IN THE SUMMERS OF 1966 AND 1967. THIS REPORT PROVIDES DATA PRIMARILY ON THE SECOND PHASE OF TIDE WHICH WAS OPERATED FROM JULY TO DECEMBER OF 1967 AT 29 YOUTH CENTERS IN 22 STATES. IN THIS SECOND PART OF THE PROGRAM, 1,031 YOUTH RECEIVED EMPLOYMENT ORIENTATION TRAINING AT 32 YOC'S. THESE YOUTH WERE MAINLY DISADVANTAGED, 25 PERCENT HAD POLICE RECORDS, AND 92 PERCENT WERE SCHOOL DROPOUTS. ABOUT TWO-THIRDS OF THE TRAINEES RECEIVED SOME KIND OF AID FROM THE PROGRAM. ABOUT 20 PERCENT WERE PLACED IN JOBS, 15 PERCENT ENTERED THE JOB CORPS, 13 PERCENT RETURNED TO SCHOOL, AND 11 PERCENT WERE RECRUITED FOR MDTA VOCATIONAL TRAINING. A SUMMARY OF THE TIDE PROGRAMS FOR 1966 AND 1967 FOR ALL 32 YOC'S IS INCLUDED IN THE REPORT. THE 1966 REPORT IS AVAILABLE AS ED 014 017. (BC)

VT 010 472
Neighborhood Youth Corps--New Careers; Work Training Programs of the U.S. Department of Labor.

YMCA of Pennsylvania, Harrisburg.
Pennsylvania State Dept. of Public Welfare, Harrisburg.
Pennsylvania State Dept. of Community Affairs.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 17p.

DESCRIPTORS - *FEDERAL PROGRAMS; *WORK EXPERIENCE PROGRAMS; *DISADVANTAGED YOUTH; ENROLLMENT; TABLES (DATA); CAREER OPPORTUNITIES; MAPS
IDENTIFIERS - *NEIGHBORHOOD YOUTH CORPS; PENNSYLVANIA

ABSTRACT - The New Careers programs and the Neighborhood Youth Corps in Pennsylvania attempted to provide meaningful work experiences for disadvantaged youth in the state. Data on the type of people served, progress reports, and a financial report are included in the report. Over 8,000 people have received help from this program, operated from 1965-69. (BC)

VT 010 712 ED 042 888
JOHNSON, ELMER H.
WORK RELEASE: FACTORS IN SELECTION AND RESULTS.

SOUTHERN ILLINOIS UNIV., CARBONDALE. CENTER FOR THE STUDY OF CRIME, DELINQUENCY AND CORRECTIONS.
SOCIAL AND REHABILITATION SERVICE (DHEW), WASHINGTON, D.C. RESEARCH AND DEMONSTRATION GRANTS.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
CENTER FOR THE STUDY OF CRIME, DELINQUENCY, AND CORRECTIONS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILLINOIS 62901 ($5.00)
PUB DATE - 69 292P.

DESCRIPTORS - *CORRECTIONAL REHABILITATION; EMPLOYMENT OPPORTUNITIES; *PRISONERS; *PROBATIONARY PERIOD; *PROGRAM EVALUATION; STATE PROGRAMS; *WORK EXPERIENCE PROGRAMS

ABSTRACT - AS THE FIRST SYSTEMATIC EVALUATION OF AN AMERICAN WORK-RELEASE PROGRAM, THIS INVESTIGATION EMPLOYED DATA ON ALL MALE PRISONERS PLACED ON THE PROGRAM IN NORTH CAROLINA BETWEEN 1957 AND 1963. OUTCOME WAS MEASURED AGAINST THE VARIABLES AFFECTING SELECTION FOR WORK-RELEASE. THE STUDY FOUND THAT FACTORS AFFECTING PAROLE PERFORMANCE AFTER WORK-RELEASE INCLUDE: (1) LENGTH OF TERM SERVED BEFORE WORK-RELEASE, (2) LENGTH OF TIME ON WORK-RELEASE, (3) SKILL LEVEL OF WORK-RELEASE JOB, (4) CONTINUATION OF WORK-RELEASE JOB INTO PAROLE, AND (5) RELATIONSHIP BETWEEN WORK-RELEASE AND PAROLE LOCALE. A SAMPLE OF ORTHODOX PAROLEES WAS COMPARED WITH THE PAROLED WORK-RELEASEES TO DISCLOSE POSSIBLE DIFFERENCES IN PAROLE PERFORMANCE AND PROBLEMS RAISED DURING SUPERVISION. THE STUDY CONCLUDED THAT THE WORK-RELEASE EXPERIENCE GENERALLY BROUGHT FEWER PROBLEMS FOR THE PAROLE SUPERVISOR, IN TERMS OF TRANSGRESSIONS, MOBILITY, AND FAMILY PROBLEMS. THE PROBLEMS RAISED BY THE WORK-RELEASE PAROLEE WERE MORE LIKELY TO BE ASSOCIATED WITH BEHAVIOR CONSISTENT WITH THE ULTIMATE PURPOSE OF PAROLE. [NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT.] (BH)

VT 010 741 ED 042 889
ANALYSIS AND SUMMARY OF CURRENT MANPOWER TRENDS AND POLICIES. SECOND EDITION.

NATIONAL ASSOCIATION FOR COMMUNITY DEVELOPMENT, WASHINGTON, D. C.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
NATIONAL ASSOCIATION FOR COMMUNITY DEVELOPMENT, 1424 16TH STREET, N.W., SUITE 401, WASHINGTON, D.C. 20036 ($5.00)
PUB DATE - NOV 69 303P.

DESCRIPTORS - ADULT VOCATIONAL EDUCATION; *ECONOMICALLY DISADVANTAGED; FEDERAL LAWS; *FEDERAL LEGISLATION; INTERAGENCY COOPERATION; *MANPOWER DEVELOPMENT; UNDEREMPLOYED; UNEMPLOYED

ABSTRACT - RECENT REDESIGNING OF MANPOWER PROGRAMS REFLECTS THE SHIFT TOWARD THE JOB AND INCOME APPROACH TO FIGHTING POVERTY. BECAUSE MONEY SPENT TO PROVIDE JOBS WILL ULTIMATELY REDUCE WELFARE COSTS, PRACTICALLY ALL MANPOWER PROGRAMS HAVE UNDERGONE OR WILL UNDERGO SIGNIFICANT REDESIGN. THIS REPORT WAS PREPARED TO SUPPLY COMMUNITY DEVELOPMENT PERSONNEL AND THE GENERAL PUBLIC WITH DETAILED INFORMATION ABOUT THESE DEVELOPMENTS AND TO PROVIDE SOME ANALYSIS OF THEIR IMPACT. MAJOR EMPHASIS IS PLACED ON THE PROPOSED MANPOWER TRAINING ACT OF 1969, BOTH BECAUSE OF ITS IMPACT AND BECAUSE IT IS TYPICAL OF PRESENT ADMINISTRATION POLICY. THIS PROPOSED ACT REPLACES PREVIOUS LEGISLATION, SUCH AS THE MANPOWER DEVELOPMENT AND TRAINING ACT OF 1962. OTHER PROGRAMS UNDER CONSIDERATION ARE THE NEIGHBORHOOD YOUTH CORPS, PUBLIC SERVICE CAREERS, AND CONCENTRATED EMPLOYMENT PROGRAMS. (BH)

VT 010 751
MacCarthy, Robert A.
The Vocational Adjustment of Special Class Students.

Massachusetts Rehabilitation Commission, Research and Program Planning Unit.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan66 12p.

DESCRIPTORS - *FOLLOWUP STUDIES; *EDUCABLE MENTALLY HANDICAPPED; *MENTAL RETARDATION; *VOCATIONAL ADJUSTMENT; EMPLOYMENT; CULTURALLY DISADVANTAGED; LOWER CLASS; LOWER MIDDLE CLASS; INDIVIDUAL CHARACTERISTICS; FAMILY ATTITUDES

ABSTRACT - To develop knowledge and plans for a rehabilitation program, a study was made of the vocational adjustment of 52 students who had completed or terminated their special education class 4 years prior to a research and demonstration project. Vocational data were correlated with personal and family background, school achievement and activities, and employment history. Interviews with parents, students, and employment agencies revealed these characteristics: (1) The average intelligence score on the Stanford Binet was 68, and more than half had left school at 16 years of age, (2) Though socio-economic backgrounds ranged from welfare subsistence to upper middle income, the majority came from lower and lower middle income families, (3) In the background of the students were inadequate housing, broken homes, and cultural deprivation, (4) Nearly one half had found paid employment lasting 3 or more months in the first year after leaving school, (5) Two main types of employment were Unskilled factory and kitchen jobs, and (6) Vocational adjustment appeared to be more related to personality factors and family attitudes than demographic variables. The research and demonstration project is available as VT 010 944 (also in this issue). (SB)

VT 010 885
Baron, Harold M.; Hymer, Bennett
The Negro Worker in the Chicago Labor Market; A Case Study of DeFacto Segregation.
Chicago Urban League's Studies of the Labor Market.

Chicago Urban League, Ill. Research Dept.
MF AVAILABLE IN VT-ERIC SET.
R-No. 1
Chicago Urban League, 4500 South Michigan Avenue, Chicago, Illinois 60653 (no charge).
PUB DATE - 68 60p.; Reprint from "The Negro and the American Labor Movement," Julius Jacobson, Ed., N.Y. Doubleday Anchor, 1968.

DESCRIPTORS - *DEFACTO SEGREGATION; *NEGROES; *NEGRO EMPLOYMENT; *RACIAL DISCRIMINATION; *EMPLOYMENT OPPORTUNITIES; EDUCATIONAL DISADVANTAGEMENT; GHETTOS
IDENTIFIERS - CHICAGO

ABSTRACT - Segregation in the Chicago labor market has acted to make blacks second-class citizens, especially when discrimination in housing and education disqualify the black from many jobs without explicit racial discrimination in hiring practices. Geographical and educational disadvantages prevent the ghetto resident from meeting employment standards. The existing dualism in the labor market explains the apparant paradox of black unemployment existing in a tight labor market. Although discriminatory barriers to employment are being lowered, racial disparities will continue until the supply situation is improved through equality in education and integrated housing. (BH)

VT 010 944
Habif, Roberta A.
A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.

Massachusetts Rehabilitation Commission, Boston, Mass.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun68 219p.

DESCRIPTORS - *VOCATIONAL REHABILITATION; *HIGH SCHOOL STUDENTS; *MENTAL RETARDATION; *PROGRAM DEVELOPMENT; VOCATIONAL ADJUSTMENT; PSYCHOLOGICAL NEEDS; VOCATIONAL APTITUDE; EMOTIONAL ADJUSTMENT; LOWER CLASS STUDENTS; CULTURALLY DISADVANTAGED; *COOPERATIVE PROGRAMS; BIBLIOGRAPHIES

ABSTRACT - Rehabilitation services were provided in school for high school students in a special class to increase their employability. To determine the success of the program, a study was made of the class, composed of 89 retardates who had measurable intelligence from 46 to 88 and mainly come from the lower socioeconomic class. The research design, answering exploratory questions concerning rehabilitation and occupational adjustment, revealed significant relationships with psychological needs, occupational aptitudes, family stability, maturity, and emotional adjustment. Program results demonstrated that these students can adequately meet social and economic demands of the competitive community when a vocational rehabilitation program is initiated. Of the students leaving the unit, 84 percent (54) were rehabilitated after three consecutive months of employment. Implications for specialized and supportive counseling, inservice training, family counseling, younger student involvement, valid work evaluation system, and postgraduate and workshop programs are discussed. A followup study is available as VT 010 751 (AUTHOR/SB).

VT 010 979 ED 042 891
LEVINE, LOUIS; NORTON, JOHN HERBERT
MANPOWER INFORMATION FOR URBAN POVERTY AREAS.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. INST. FOR RESEARCH ON HUMAN RESOURCES.
EDRS PRICE MF-$0.65 HC NOT AVAILABLE FROM EDRS.
INSTITUTE FOR RESEARCH ON HUMAN RESOURCES, PENNSYLVANIA STATE UNIVERSITY, 411 BOUCKE BUILDING, UNIVERSITY PARK, PENNSYLVANIA 16802 ($3.00).
PUB DATE - 69 292P.

DESCRIPTORS - *CULTURALLY DISADVANTAGED; DATA ANALYSIS; DATA COLLECTION; DATA PROCESSING; INFORMATION NEEDS; *INFORMATION SOURCES; *INFORMATION SYSTEMS; INNER CITY; *MANPOWER DEVELOPMENT; PROGRAM EVALUATION; *URBAN SLUMS
IDENTIFIERS - PHILADELPHIA

ABSTRACT - A LACK OF DATA CONTINUES TO HINDER EFFORTS TO CURE THE PROBLEMS OF POVERTY AREAS. THIS PROJECT WAS DESIGNED TO DETERMINE POSSIBLE MEANS TO GATHER THE NEEDED DATA, SO THAT PROGRAM PLANNERS COULD MAKE DECISIONS BASED ON FACTS RATHER THAN INTUITION. ALTHOUGH THIS IS A CASE STUDY OF AN INNER-CITY POVERTY AREA OF PHILADELPHIA, THE NEED FOR DATA AND THE METHODOLOGY FOR ESTABLISHING A MANPOWER INFORMATION SYSTEM ARE DISCUSSED IN A BROAD PERSPECTIVE, SO THAT THE EXPERIENCE CAN BE GENERALIZED TO DESCRIBE ANY SIMILIAR URBAN AREAS. THE SECOND PART OF THIS REPORT COMPARES ALTERNATIVE SOURCES OF MANPOWER DATA FOR THE AREA. BY FOCUSING ATTENTION ON THE DATA SYSTEMS OF LARGE

PUBLIC AGENCIES, SUCH AS EDUCATIONAL AND LAW ENFORCEMENT SERVICES, THE RESEARCHERS FOUND A VAST QUANTITY OF UNTABULATED DATA. SIMILARITIES DISCOVERED IN TYPES OF DATA GATHERED AND IN PROBLEMS ENCOUNTERED BY THE DIFFERENT AGENCIES INDICATE THAT A GOOD POTENTIAL EXISTS FOR INTERAGENCY COOPERATION TO PROVIDE EFFICIENTLY AN IMPROVED DATA SYSTEM. (BH)

VT 011 004 ED 042 892
RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.

NEW YORK STATE SENATE, ALBANY.
EDRS PRICE MF-$0.65 HC-$6.58
PUB DATE - JUN 69 132P.

DESCRIPTORS - DISADVANTAGED GROUPS; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT PATTERNS; *LABOR MARKET; *MANPOWER DEVELOPMENT; *MANPOWER NEEDS; MANPOWER UTILIZATION; NEGRO EMPLOYMENT; *OCCUPATIONAL MOBILITY; *UNEMPLOYED; VOCATIONAL EDUCATION

ABSTRACT - THIS REPORT CULMINATES 2 YEARS OF A MAJOR POLICY INQUIRY INTO NEW YORK'S MANPOWER PROBLEMS BY THE STATE SENATE'S SPECIAL SENATE COMMITTEE ON MANPOWER. PART ONE GIVES DATA SHOWING UNEMPLOYMENT BY OCCUPATION, RACE, EDUCATION, AND PLACE OF RESIDENCE. THE EFFECTS ON THE DISADVANTAGED OF CHANGING EMPLOYMENT PATTERNS ARE DEMONSTRATED, AND VARIOUS MANPOWER PROGRAMS ARE EVALUATED. PART TWO DISCUSSES THE IMPLICATIONS OF THESE FINDINGS FOR WELFARE, UNEMPLOYMENT INSURANCE, AND MANPOWER DEVELOPMENT PROGRAMS. FOR POLICY AND PLANNING THE COMMITTEE RECOMMENDS A CENTRAL MANPOWER ADVISORY BOARD COMPOSED OF INDUSTRY, LABOR, ACADEMIC, AND GOVERNMENT EXPERTS CAPABLE OF FORMULATING A COMPREHENSIVE MANPOWER DEVELOPMENT PLAN. POLICY SHOULD CONCENTRATE ON MAKING EMPLOYMENT MORE ATTRACTIVE THAN WELFARE, AND IMPROVING THE STRUCTURAL IMBALANCE OF THE LABOR MARKET BY IMPROVING THE SKILLS OF SURPLUS MANPOWER AND OFFERING A LABOR EXCHANGE TO IMPROVE MOBILITY. AN INDEPENDENT AND PERMANENT SOURCE OF FUNDS IS NEEDED TO SUPPLEMENT STATE AND FEDERAL FUNDS AND MIGHT BE ACQUIRED THROUGH A SPECIAL UNEMPLOYMENT INSURANCE TAX PAYABLE BY THE EMPLOYER AS AN INVESTMENT IN A MORE EFFECTIVE EMPLOYMENT SERVICE PROGRAM. (BH)

VT 011 014
These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.

President's Committee on Employment of the Handicapped, Washington, D.C.
President's Committee on Mental Retardation, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 25p.

DESCRIPTORS - *MANPOWER DEVELOPMENT; *MENTAL RETARDATION; *EDUCATIONAL NEEDS; *VOCATIONAL REHABILITATION; EDUCATIONAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; CHARTS; EQUAL OPPORTUNITIES (JOBS)

ABSTRACT - This publication points out some directions America should follow in opening the doors of free and equal citizenship to the mentally retarded. There are job openings for the mentally retarded, and a growing number of employers are willing to hire them. Often there are not enough trained retarded workers ready for available jobs. The retarded can do the work, but sometimes they have trouble with social and personal adjustment to the job. Proposals for preparing the mentally retarded for work are grouped under: (1) early preparation, (2) education and training, (3) medical rehabilitation, (4) employment, (5) independent or sheltered living, and (6) promotion and education. Facts about mental retardation and program and information sources are provided in chart form. (SB)

VT 011 090
Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.

Governor's Planning Commission for Vocational Rehabilitation, Olympia, Wash.
MF AVAILABLE IN VT-ERIC SET.
Division of Vocational Rehabilitation, P.O. Box 528, Olympia, Washington, 98501 (no charge).
PUB DATE - 68 49p.

DESCRIPTORS - *PROGRAM PLANNING; *VOCATIONAL REHABILITATION; *HANDICAPPED; *DISADVANTAGED GROUPS; PROGRAM COORDINATION; *STATE PROGRAMS
IDENTIFIERS - WASHINGTON

ABSTRACT - This 2-year study was undertaken by the 15-member commission to estimate

present and projected needs of the handicapped through 1975, evaluate present programs in terms of these needs, and make recommendations for the development of an adequate vocational rehabilitation system for the State of Washington. This summary report describes the commission's findings. Major recommendations include improved information systems and coordination between centers, greater cooperation with other agencies, and increased funding, especially to meet the need for more recruitment and training of personnel. (BH)

VT 011 156 ED 043 733
RIESSMAN, FRANK
NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.

RANDOLPH (A. PHILLIP) EDUCATIONAL FUND, NEW YORK, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
A. PHILIP RANDOLPH EDUCATIONAL FUND, 260 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10010 ($.50)
PUB DATE - [67] 29P.

DESCRIPTORS - ADULT VOCATIONAL EDUCATION; CAREER OPPORTUNITIES; EDUCATIONALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; *FEDERAL PROGRAMS; *JOB DEVELOPMENT; *MANPOWER UTILIZATION; ON THE JOB TRAINING; *POVERTY PROGRAMS; PROMOTION (OCCUPATIONAL); SELF HELP PROGRAMS; *UNEMPLOYED
IDENTIFIERS - *NEW CAREERS

ABSTRACT - THE NEW CAREERS CONCEPT INVOLVES HELPING THE DISADVANTAGED TO HELP THEMSELVES BY OFFERING THEM ENTRY LEVEL JOBS WITH THE OPPORTUNITY FOR TRAINING AND ADVANCEMENT. NEW CAREERS PROVIDES THE MEANS TO UPGRADE FROM ENTRY LEVEL TO PROFESSIONAL OCCUPATIONS, WITH TIME MADE AVAILABLE DURING THE WORK DAY FOR THE EDUCATION AND TRAINING NECESSARY FOR ADVANCEMENT. A DEFINITE HIERARCHY IS ESTABLISHED, WITH SPECIFIC TASKS AND EDUCATIONAL REQUIREMENTS DEFINED FOR EACH LEVEL, SO THAT NO JOB IS A DEAD-END JOB. THIS PROGRAM NOT ONLY PROVIDES NEW JOBS PROTECTED AGAINST AUTOMATION, BUT IT HELPS THE PROFESSIONS INVOLVED AS WELL, BY RELIEVING CRITICAL MANPOWER SHORTAGES AND FREEING PROFESSIONALS FOR MORE CREATIVE WORK. (BH)

VT 011 266
Helping the Handicapped in Rural Areas.

Department of Agriculture, Washington, D.C. Federal Extension Service.
Social and Rehabilitation Service (DHEW), Washington, D.C.
Bureau of Employment Security (DOL), Washington, D.C.
President's Committee on Employment of the Handicapped, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A1.68:860, $.10).
PUB DATE - Apr68 15p.

DESCRIPTORS - *VOCATIONAL REHABILITATION; *HANDICAPPED; *REHABILITATION COUNSELING; REHABILITATION PROGRAMS; COMMUNITY ATTITUDES; COUNSELING SERVICES; COMMUNITY SERVICES; COMMUNITY ACTION

ABSTRACT - In every community, there are handicapped citizens capable of useful work and a normal life. Handicapped persons, if they are to get the vocational rehabilitation to make employment possible, must first be put in touch with the agencies that offer rehabilitative services. Individuals and organizations can help the handicapped, not only by having a positive attitude, but also by directing them to available sources of assistance, boosting community acceptance, involving handicapped people in activities, and promoting their rehabilitation and employment within various segments of the community. Suggestions for community activities and a discussion of the eligibility and services available through vocational rehabilitation are included. (SB)

VT 011 293
Special Job Creation for the Hard-to-Employ in Western Europe. Manpower Research Monograph No. 14.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L1.39/3:14, $.10).
PUB DATE - 70 46p.

DESCRIPTORS - *EMPLOYMENT PROGRAMS; *DISADVANTAGED GROUPS; *DEVELOPED NATIONS; *JOB DEVELOPMENT; EMPLOYMENT LEVEL; *MANPOWER DEVELOPMENT; MANPOWER UTILIZATION; UNSKILLED

WORKERS; HANDICAPPED
IDENTIFIERS - *WESTERN EUROPE

ABSTRACT - Europe's greater emphasis on full employment shows up not only in unemployment rates lower than those in the United States, but also in stronger programs of job creation for the hard-to-employ. Special public works programs, which provide jobs for those who are unemployed because of structural, regional, or seasonal factors, accomplish socially desirable projects in addition to freeing the unemployed from the stigma of welfare. These projects have the added attraction of having quite flexible impact, both in magnitude and in geographic or occupational effect. In addition to public works projects, several countries have undertaken large-scale programs of sheltered employment for the handicapped. Even when individual benefits are ignored, program costs are at least partially offset by benefits to society, including increased output and a shift from transfer payments to tax receipts as the handicapped become wage earners. These experiences should be useful to American manpower planners. (BH)

VT 011 328 ED 043 735
OPERATION JOB START. FINAL REPORT.

HUMAN DEVELOPMENT AND EDUCATION CORP., PATTERSON, N.J.
MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$6.58
PUB DATE - FEB 69 139P.

DESCRIPTORS - *COUNSELING PROGRAMS; *DISADVANTAGED YOUTH; *EMPLOYER ATTITUDES; *EMPLOYMENT OPPORTUNITIES; EMPLOYMENT PROGRAMS; MANPOWER UTILIZATION; NEGATIVE ATTITUDES; UNEMPLOYMENT; *WORK ATTITUDES; YOUTH OPPORTUNITIES

ABSTRACT - OPERATION JOB START IS AN EXPERIMENTAL PROJECT WHICH SEEKS TO RECONCILE THE OPPOSING ATTITUDES OF UNEMPLOYED YOUTH, WHO FEEL THAT NO MEANINGFUL EMPLOYMENT OPPORTUNITIES EXIST FOR THEM, AND THE EMPLOYERS WHO BELIEVE THAT THESE YOUTH WOULD NOT MAKE GOOD EMPLOYEES. IN ORDER TO BRING THE TWO GROUPS TOGETHER, FOUR MAJOR AREAS ARE EMPHASIZED: (1) EFFORTS TO CHANGE THE ATTITUDES OF BOTH EMPLOYERS AND YOUTH, (2) MANAGEMENT ASSISTANCE TO MODIFY JOBS, (3) A COUNSELING PROGRAM FOR YOUTH PARTICIPANTS DURING THE FIRST 3 MONTHS AFTER PLACEMENT, AND (4) UNIFORM CRITERIA TO EVALUATE INDIVIDUAL ADJUSTMENT AND COMPANY EFFORTS. THE FINDINGS INCLUDE OBSERVATIONS ABOUT THE JOB ADJUSTMENT OF DISADVANTAGED YOUTH, EVALUATION OF THE PROJECT, AND RECOMMENDED CHANGES FOR FUTURE EFFORTS. THE REPORT STRESSES THE NEED FOR GREATER APPLICATION OF THE PRINCIPLES OF HUMAN RELATIONS, SUPERVISION, AND PERSONNEL PSYCHOLOGY TO THE NEEDS OF DISADVANTAGED YOUTH. (BH)

VT 011 474 ED 042 904
MANN, LOUIS, AND OTHERS
CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-2-7-070348-2698 08
BR-7-0348
PUB DATE - 69 194P.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *ECONOMICALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; *FEDERAL PROGRAMS; *INTERAGENCY COORDINATION; *RURAL DEVELOPMENT
IDENTIFIERS - *CONCERTED SERVICES IN TRAINING AND EDUCATION; CSTE; RDC; RURAL DEVELOPMENT COMMITTEE

ABSTRACT - THE CONCERTED SERVICES IN TRAINING AND EDUCATION (CSTE) PROGRAM WAS DESIGNED AT THE FEDERAL LEVEL TO COORDINATE THE RESOURCES OF ALL APPROPRIATE FEDERAL AGENCIES AND RELATED STATE AGENCIES IN RURAL DEVELOPMENT. THE PILOT MINNESOTA PROGRAM FOCUSED ON ALTERNATIVE STRATEGIES IN AREA DEVELOPMENT, SPECIFICALLY A RURAL OUTMIGRATION AREA WITH LOW INCOME, UNDEREMPLOYMENT, AND LACK OF INDUSTRY. THIS EVALUATION RATES THE MINNESOTA CSTE PROGRAM IN TERMS OF ITS PERFORMANCE OF FOUR FUNCTIONS: RESEARCH, COORDINATION, EDUCATION, AND DEVELOPMENT. THE PROGRAM WAS JUDGED SUCCESSFUL IN IDENTIFYING THROUGH THE RESEARCH FUNCTION THE OPPORTUNITIES AVAILABLE TO THE DISADVANTAGED. ON THE BASIS OF THE PRIORITIES ESTABLISHED BY RESEARCH, RESOURCES OF VARIOUS PUBLIC AND PRIVATE AGENCIES WERE COMBINED TO FILL NEEDS FOR TRAINING AND JOB DEVELOPMENT IN THE COORDINATING FUNCTION, WHICH WAS CONSIDERED TO BE OF MAJOR IMPORTANCE. A RANDOMLY SELECTED SAMPLE OF TRAINEES RESPONDED FAVORABLY TO THE VARIOUS TRAINING OPPORTUNITIES, AND SHOWED OPTIMISM ABOUT THEIR FUTURES. RELATED DOCUMENTS IN THIS ISSUE ARE VT 011 475-476, AND VT 011 403-404. (BH)

VT 011 475 ED 042 905
SMITH, J. VERNON, AND OTHERS
CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-2-7-070348-2698 08
BR-7-0348
PUB DATE - 69 106P.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *ECONOMICALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; *FEDERAL PROGRAMS; INTERAGENCY COORDINATION; *PROGRAM EVALUATION; *RURAL DEVELOPMENT
IDENTIFIERS - *CONCERTED SERVICES IN TRAINING AND EDUCATION; CSTE; RDC; RURAL DEVELOPMENT COMMITTEE

ABSTRACT - THE CONCERTED SERVICES IN TRAINING AND EDUCATION (CSTE) PROGRAM WAS DESIGNED AT THE FEDERAL LEVEL TO COORDINATE THE RESOURCES OF ALL APPROPRIATE FEDERAL AND STATE AGENCIES IN RURAL DEVELOPMENT. THE PILOT ARKANSAS PROGRAM FOCUSED ON THE PROBLEMS OF A RURAL OUTMIGRATION AREA CHARACTERIZED BY LOW INCOME, UNDEREMPLOYMENT, AND LACK OF INDUSTRY. EVALUATION OF THIS PROGRAM WAS MADE FROM BOTH ANALYSIS OF THE CHANGES IN THE AREA'S SOCIOECONOMIC PROFILE, AND EXTENSIVE REPORTS DERIVED FROM INTERVIEWS, DISCUSSIONS, AND QUESTIONNAIRES GIVEN TO COMMUNITY LEADERS, TRAINEES, GRADUATES, AND A CONTROL GROUP. THIS EVALUATION RATES THE ARKANSAS CSTE PROGRAM IN TERMS OF ITS PERFORMANCE OF FOUR FUNCTIONS: RESEARCH TO IDENTIFY AVAILABLE OPPORTUNITIES, COORDINATION BETWEEN PUBLIC AND PRIVATE MANPOWER PROGRAMS, VOCATIONAL TRAINING, AND DEVELOPMENT. ALTHOUGH THE PROGRAM WAS FOUND TO BE GENERALLY SUCCESSFUL, AREAS FOR IMPROVEMENT WERE DISCOVERED. IN PARTICULAR, MORE CARE SHOULD BE GIVEN TO PREPARING TRAINEES FOR FIELDS IN WHICH THERE ARE VACANCIES. RELATED DOCUMENTS IN THIS ISSUE ARE VT 011 403-404 AND VT 011 474-475. (BH)

VT 011 579
Employment Patterns Affecting Minority Persons in Hotels, Motels,and Restaurants in Ohio.

Ohio State Civil Rights Commission, Columbus. Research and Survey Dept.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun68 62p.

DESCRIPTORS - *EMPLOYMENT OPPORTUNITIES; *MINORITY GROUPS; *SERVICE OCCUPATIONS; *QUESTION ANSWER INTERVIEWS; NEGRO EMPLOYMENT; *EQUAL OPPORTUNITIES (JOBS); RACIAL DISCRIMINATION; *EMPLOYMENT PATTERNS
IDENTIFIERS - OHIO

ABSTRACT - This study was conducted to document factually the existence of employment discrimination in the hotel, motel, and restaurant industry. Data were gathered from questionnaires and interviews with a random sample of roughly 10 percent of a total population of employers representing more than 3,000 businesses in the 48 cities selected for the study. The Commission discovered that: (1) Nonwhite employers were heavily concentrated in positions out of contact with the public, (2) Some employers feared problems with the use of nonwhites, (3) Wages were generally lower for nonwhites, and (4) Incumbent employee referral tended to perpetuate barriers to nonwhite employment. The report recommended that communication with employers and trade associations could help end discrimination through cooperation, and that community councils and educational programs should be established to increase public awareness of the problem. (BH)

VT 011 630 ED 042 055
ORNSTEIN, MICHAEL D.; ROSSI, PETER H.
GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.

JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF SCHOOLS.
OFFICE OF ECONOMIC OPPORTUNITY, WASHINGTON, D.C.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-2-7-061610-0207 24
R-75 BR-6-1610
PUB DATE - AUG 70 79P.

DESCRIPTORS - COMPARATIVE ANALYSIS; CULTURAL BACKGROUND; EDUCATIONAL BACKGROUND; *EDUCATIONALLY DISADVANTAGED; *EMPLOYMENT OPPORTUNITIES; ENTRY WORKERS; EQUAL OPPORTUNITIES (JOBS); *NEGRO EMPLOYMENT; *PROMOTION (OCCUPATIONAL); *RACIAL DISCRIMINATION; SAMPLING

ABSTRACT - TO TRACE THE PROCESS WHEREBY AMERICANS ENTER THE LABOR FORCE, WORK AND EDUCATION HISTORIES WERE COLLECTED FROM A RANDOM SAMPLE OF ABOUT 1,600 AMERICANS, WITH BLACKS OVERSAMPLED. THE TWO VARIABLES EXAMINED MOST CLOSELY WERE RACE AND SOCIAL CLASS. THE LEVEL OF ENTRY INTO THE LABOR FORCE AS MEASURED BY OCCUPATIONAL PRESTIGE WAS FOUND TO BE STRONGLY AFFECTED BY THE RACE AND EDUCATIONAL ATTAINMENT OF THE INDIVIDUAL; FOR WHITES IT WAS ALSO AFFECTED BY PRE-ENTRY WORK EXPERIENCE. SOCIAL CLASS HAD LITTLE EFFECT. WHEN SUBSEQUENT JOBS WERE EXAMINED, THE PROCESS OF ENTRY WAS SHOWN TO HAVE A CONTINUING AND SIGNIFICANT EFFECT ON OCCUPATIONAL ATTAINMENT; WHILE THE EFFECT OF EDUCATIONAL ATTAINMENT QUICKLY DIMINISHED, THAT OF PREVIOUS JOBS INCREASED, PARTICULARLY FOR BLACKS. CONTROLLING FOR EDUCATIONAL EXPERIENCE AND FAMILY BACKGROUND STATUS, BLACKS ARE CLEARLY DISADVANTAGED. THEY ARE SUCCESSIVELY WORSE OFF COMPARED TO WHITES AT EACH STAGE OF THEIR OCCUPATIONAL HISTORIES; THE MORE SCHOOLING THEY RECEIVE, THE GREATER THE GAP. THESE LAST FINDINGS ARE TAKEN AS EVIDENCE OF INSTITUTIONAL RACISM IN THE AMERICAN LABOR MARKET. (AUTHOR/BH)

VT 011 658
Weissman, Harold H., Ed.
Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.

Mobilization for Youth, Inc., New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
Association Press, 291 Broadway, New York, New York 10007 ($2.95).
PUB DATE - 69 220p.

DESCRIPTORS - *DISADVANTAGED YOUTH; *YOUTH EMPLOYMENT; *POVERTY PROGRAMS; *MANPOWER DEVELOPMENT; *PROGRAM DESCRIPTIONS; YOUTH PROGRAMS; INNER CITY; EDUCATIONAL IMPROVEMENT
IDENTIFIERS - *MOBILIZATION FOR YOUTH; MFY

ABSTRACT - Mobilization for Youth (MFY), which is a multidiscipline social agency located on New York's Lower East Side, Euphasizes demonstration, research, and social action in eliminating poverty. This pioneer inner city youth project views delinquency as a result of disparity between aspirations and opportunities. Consequently, MFY stresses the need for broad social, economic, and institutional reform. To accomplish its goals, MFY offers a broad variety of services, including employment, legal, educational, psychological, and social services. The 18 papers in this volume describe the techniques and methods used in the project. Part I describes employment opportunities, including training programs and job placement by MFY. Part II describes educational opportunities, including MFY efforts to improve curriculum and teaching quality in inner city schools. (BH)

VT 011 700 ED 043 749
MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.

CALIFORNIA SOCIETY OF PSYCHIATRIC TECHNICIANS, SACRAMENTO.
NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, SACRAMENTO, CALIF.
EDRS PRICE MF-$0.65 HC-$6.58
NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, 11TH AND L BUILDING, MAIN FLOOR, SACRAMENTO, CALIFORNIA 95814 ($2.25)
PUB DATE - JUN 70 141P.; PRESENTATION MADE AT THE JOINT ANNUAL NAPT-CSPT CONVENTION-INSTITUTE (LOS ANGELES, OCT. 3-5, 1969)

DESCRIPTORS - ALCOHOLISM; CRISIS THERAPY; DRUG ABUSE; *HEALTH OCCUPATIONS; *INSTITUTES (TRAINING PROGRAMS); JOB ANALYSIS; JOB DEVELOPMENT; MANPOWER NEEDS; MENTAL RETARDATION; *PSYCHIATRIC AIDES; SPEECHES; *SUBPROFESSIONALS; *WORKSHOPS
IDENTIFIERS - NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY; *PSYCHOSOCIAL PROBLEMS

ABSTRACT - PRESENTATIONS MADE AT INSTITUTES AND WORKSHOPS CONDUCTED BY THE NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY (NAPT) ARE INCLUDED IN THIS PUBLICATION. DRUG ABUSE, ALCOHOLISM, CRISIS INTERVENTION, MENTAL RETARDATION, AND MENTAL HEALTH MANPOWER WERE THE THEMES FOR THESE PRESENTATIONS: (1) "MENTAL HEALTH TRENDS IN CALIFORNIA" BY G. DUFFY, (2) "THE DRUG EPIDEMIC OF 1969" BY J. T. UNGERLEIDER, (3) "THE TREATMENT AND PREVENTION OF ABUSE OF ALCOHOL, NARCOTICS, LSD, AND OTHER DRUGS" BY J. FORT, (4) "COMPREHENSIVE PLANNING FOR ALCOHOLISM PROGRAMS" BY N. KHOURY, (5) "TREATMENT AND MANAGEMENT OF ALCOHOLICS" BY K. S. DITMAN, (6) "SUICIDE AND CRISIS INTERVENTION: CONCEPTS AND PRACTICE" BY S. M. HEILIG, (7) "A PLANNING MODEL FOR THE DEVELOPMENT OF COMPREHENSIVE SERVICE FOR THE MENTALLY RETARDED" BY I. MOORING, (8) "THE NORTH CAROLINA DEPARTMENT OF MENTAL HEALTH CAREER LADDER: A CONCEPT AND AN ACTIVITY" BY J. L.

MONCRIEF, AND (9) "THE APPLICATION OF SENSITIVITY TRAINING TECHNIQUES" BY U. RUEVENI. INFORMATION ABOUT THE NAPT AND OTHER NAPT PUBLICATIONS IS INCLUDED. (SB)

VT 011 701 ED 043 750
COLEMAN, JAMES S., AND OTHERS
OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.

JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF SCHOOLS.
OFFICE OF ECONOMIC OPPORTUNITY, WASHINGTON, D.C.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-2-7-061610-0207 24
R-76 BR-6-1610
PUB DATE - AUG 70 66P.

DESCRIPTORS - *ACADEMIC ACHIEVEMENT; CAUCASIANS; COMPARATIVE ANALYSIS; EDUCATIONAL BENEFITS; *EDUCATIONAL STATUS COMPARISON; NEGRO EMPLOYMENT; *NEGROES; *PROMOTION (OCCUPATIONAL); RACIAL DISCRIMINATION; *SUCCESS FACTORS

ABSTRACT - RETROSPECTIVE LIFE HISTORY DATA ARE USED IN THIS ANALYSIS OF THE MECHANISMS WHICH LEAD TO DIFFERENTIAL LEVELS OF OCCUPATIONAL SUCCESS. THE PAPER IS BASED ON DATA COLLECTED FROM A COHORT OF BLACK MEN AND A COHORT OF NONBLACK MEN, AGED 30-39 IN 1968. THE MEASURE OF OCCUPATIONAL ACHIEVEMENT USED THROUGHOUT IS THE OCCUPATIONAL STATUS OF THE FIRST JOB HELD AFTER LAST LEAVING FULLTIME EDUCATION AND THE STATUS OF THE JOB HELD 10 YEARS LATER. THE ANALYSIS SHOWS THAT EDUCATIONAL LEVEL FAR OUTWEIGHS OTHER BACKGROUND CHARACTERISTICS IN DETERMINING THE OCCUPATIONAL STATUS OF THE FIRST JOB. PARTLY DUE TO OCCUPATIONAL DISCRIMINATION, THE VALUE OF EDUCATION IN TERMS OF THE STATUS IT BRINGS IS ABOUT TWICE AS GREAT FOR NONBLACKS AS FOR BLACKS. THIS DIFFERENCE IN THE EFFECTS OF EDUCATION, COMBINED WITH LOWER EDUCATIONAL ATTAINMENT BY BLACKS, RESULTS IN CONSIDERABLY LOWER STATUS LEVELS. AFTER 10 YEARS, THE STATUS OF NONBLACKS SHOWED AN INCREASE OF 30.8 PERCENT, WHEREAS THAT OF BLACKS INCREASED 15.9 PERCENT. THE STUDY FOUND THAT ROUGHLY HALF OF THE DIFFERENCE IN STATUS CHANGE WAS DUE TO ORIGINAL LEVELS OF RESOURCES AND THE REMAINDER WAS DUE TO THE DIFFERENTIAL EFFICACY OF THESE RESOURCES. THE EFFICACY OF INTERVENING EVENTS SUCH AS ON-THE-JOB TRAINING SHOWED NO SIGNIFICANT DIFFERENCES BETWEEN BLACKS AND NONBLACKS. (AUTHOR/BH)

VT 011 708 ED 042 916
BRANDON, GEORGE L., ED.
RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, WASHINGTON, D.C. NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-2-7-070633 08
BR-7-0633
AMERICAN VOCATIONAL JOURNAL; V43 N6 PP41-56 SEP 1970
PUB DATE - SEP 70 16P.

DESCRIPTORS - *BIBLIOGRAPHIES; CITY GOVERNMENT; *DISADVANTAGED GROUPS; EDUCATIONAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; *MANPOWER DEVELOPMENT; *RESEARCH REVIEWS (PUBLICATIONS); UNEMPLOYED; VOCATIONAL ADJUSTMENT; *VOCATIONAL EDUCATION

ABSTRACT - THE 16 RESEARCH REVIEWS WHICH PERTAIN TO VOCATIONAL EDUCATION FOR THE DISADVANTAGED ARE ORGANIZED UNDER THESE TOPICS: (1) MANPOWER DEVELOPMENT, WHICH REVIEWS MANPOWER FORECASTING, EMPLOYER POLICIES AND PRACTICES, AND TRAINING IN SELECTED APPRENTICEABLE TRADES, (2) TRAINING THE DISADVANTAGED, WHICH DISCUSSES THE EFFECT OF PREVOCATIONAL TRAINING AND FAMILY SERVICE COUNSELING, MOTIVATING TRAINEES, ADAPTING MILITARY INSTRUCTION FOR THOSE WITH LOW MENTAL ABILITY, WORK ADJUSTMENT OF HARDCORE UNEMPLOYED, EMPLOYMENT OPPORTUNITIES PROVIDED BY MUNICIPAL GOVERNMENTS, INDUSTRY HIRING REQUIREMENTS, AND EFFECTIVENESS OF A COMPREHENSIVE MANPOWER PROJECT, AND (3) TRAINING DISADVANTAGED YOUTH, WHICH INCLUDES A REVIEW OF THE NEIGHBORHOOD YOUTH CORPS AND ITS BENEFITS, A TEACHER EDUCATION SEMINAR, AND PROBLEMS IN TRANSITION FROM SCHOOL TO WORK. "PLAIN TALK," A CONTINUING COLUMN BY THE EDITOR, DISCUSSES THE FUTURE OF THE "RESEARCH VISIBILITY" SERIES, G.I. RESEARCH, AND WOMANPOWER. AN ADDITIONAL 18 STUDIES AND ORDERING INFORMATION ARE INCLUDED IN THE BIBLIOGRAPHY. (SB)

VT 011 715
Project PRIDE (Prescribed Reinforcement Involving Differentiated Education). An Experimental Project.

Federal Youth Center, Ashland, Ky. Educational Development Center.
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 44p.

DESCRIPTORS - *EXPERIMENTAL PROGRAMS; *LOW ACHIEVERS; *PROGRAM DESCRIPTIONS; *ACADEMIC EDUCATION; *CORRECTIVE INSTITUTIONS; CORRECTIONAL EDUCATION; ACADEMICALLY HANDICAPPED; DELINQUENTS

ABSTRACT - Education within the correctional framework traditionally has aimed at the high achiever, thereby accentuating the behavioral problems and negative attitudes of the less gifted. This project chose participants who lacked motivation and ability in an attempt to reach the alienated majority of delinquents. The 16 participants spent 50 percent of their time on reading, and 25 percent each on math and English. The 12-week course produced measurable results in terms of scores on the General Educational Development Test and the Stanford Achievement Test. The improved performances on these tests led to the conclusion that inferior programing and planning contribute more than poor student to academic failure. (BH)

VT 011 724 ED 042 918
HOLCOMB, BEVERLY J.
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.

ARKANSAS STATE DEPT. OF EDUCATION, LITTLE ROCK. DIV. OF VOCATIONAL EDUCATION.
ARKANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, FAYETTEVILLE.
EDRS PRICE MF-$0.65 HC-$9.87
PUB DATE - JUN 69 221P.

DESCRIPTORS - ABSTRACTS; ANNOTATED BIBLIOGRAPHIES; *BIBLIOGRAPHIES; *DROPOUTS; *ECONOMICALLY DISADVANTAGED; EDUCATIONAL NEEDS; PROGRAM DEVELOPMENT; *SOCIALLY DISADVANTAGED; *VOCATIONAL EDUCATION
IDENTIFIERS - ARKANSAS; RESEARCH COORDINATING UNITS (RCU)

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY PRESENTS A COLLECTION OF READINGS WHICH SHOULD BE OF INTEREST TO PERSONS CHARGED WITH THE RESPONSIBILITY OF PLANNING PROGRAMS DEALING WITH THE EDUCATION, COUNSELING, AND SOCIALIZATION OF THE SOCIOECONOMICALLY DISADVANTAGED. TAKEN FROM VARIOUS SOURCES, THIS COLLECTION CONTAINS: (1) CURRENT READINGS, (2) A LISTING OF TITLES OF RESERVE ARTICLES AND PUBLICATIONS AVAILABLE IN THE ARKANSAS RESEARCH COORDINATING UNIT (RCU) LIBRARY, (3) SELECTED ABSTRACTS FROM THE MICROFICHE COLLECTION ON THE DISADVANTAGED AVAILABLE IN THE SAME RCU LIBRARY, AND (4) OTHER BIBLIOGRAPHIES ON THE DISADVANTAGED GLEANED FROM VARIOUS SOURCES. THE ENTRIES ARE ARRANGED IN CATEGORIES INCLUDING (1) TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED, (2) DISADVANTAGED GROUPS AND HARD-CORE UNEMPLOYED DROP-OUTS, (3) HARD-CORE UNEMPLOYMENT: A SELECTED, ANNOTATED BIBLIOGRAPHY, (4) SCHOOL DESEGREGATION: CHANGING POLICIES AND PRACTICES, AND (5) OTHER BIBLIOGRAPHIES. ARRANGED BY AUTHOR, THE ENTRIES PROVIDE DOCUMENT INFORMATION SUCH AS THE DATE, TITLE, AND PAGE NUMBERS. (AUTHOR/JS)

VT 011 739
Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.

Atomic Energy Commission, Washington, D.C.
Appalachian Regional Commission, Washington, D.C.
Department of Labor, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 20p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *CULTURALLY DISADVANTAGED; *INDIVIDUAL CHARACTERISTICS; *EMPLOYMENT OPPORTUNITIES; *SKILLED OCCUPATIONS; GRADUATE SURVEYS; EMPLOYMENT POTENTIAL; INTERAGENCY COOPERATION
IDENTIFIERS - *TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The Training and Technology (TAT) Project was developed to explore ways to utilize available industrial resources in meeting national needs for skilled manpower. This report describes the effects of TAT's Working Training Program on persons recruited from 60 disadvantaged Appalachian counties. Composite data, as well as individual characteristics, are provided for the sample. The 157 trainees considered in this study represent all program graduates from these low income counties in 1969 and the first half of 1970. Although most of the trainees were high school graduates, testing revealed that many were performing below the Grade 9 level in reading and/or math. The study determined that a 6-month training program combining educational and industrial resources can provide Appalachians with technical job skills for careers in industry. Most graduates remained in Appalachia, but at a much higher income, and with greater participation in political and religious affairs. (BH)

VT 011 740
Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).

Oak Ridge Associated Universities, Tenn.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Tennessee Univ., Knoxville.
Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul70 31p.

DESCRIPTORS - *COMPETITIVE SELECTION; *CULTURALLY DISADVANTAGED; *ADULT VOCATIONAL EDUCATION; *POVERTY PROGRAMS; *EVALUATION TECHNIQUES; RECRUITMENT; SKILLED OCCUPATIONS
IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT

ABSTRACT - In order to avoid an excessive dropout rate, Training and Technology (TAT) evaluates each applicant's potential for completing the Worker Training Program. In addition to completing aptitude tests and application forms to provide information on interest and ability, the applicant is encouraged to make an evaluation, based on literature and tours provided by TAT. Forms and letters are appended. (BH)

VT 011 751
Myers, Robin, And Others
Black Builders; A Job Program that Works.

League for Industrial Democracy, New York, N.Y.
Taconic Foundation
MF AVAILABLE IN VT-ERIC SET.
League for Industrial Democracy, 112 East 19th Street, Room 1104, New York, New York 10003.
PUB DATE - ND 141p.

DESCRIPTORS - *APPRENTICESHIPS; *NEGROES; *EQUAL OPPORTUNITIES (JOBS); *BUILDING TRADES; LABOR UNIONS; NEGRO EMPLOYMENT; FOUNDATION PROGRAMS; DISADVANTAGED YOUTH; *RACIAL DISCRIMINATION

ABSTRACT - Economic inequality has proved to be more stubborn than legal barriers in preventing equal rights for blacks. Despite the opening of apprenticeships in the building trades to blacks, there has been little change in the racial composition of apprentices. Not only are many inner city blacks unable to meet minimum educational requirements, but often they do not even know that the opportunity exists to apply for apprenticeship. The Joint Apprenticeship Program of the Workers Defense League and the A. Philip Randolph Educational Fund was established to help solve these problems through its five objectives: (1) to insure that blacks and Puerto Ricans are aware of training opportunities, (2) to serve as a public watchdog on government agencies concerned with these objectives, (3) to coordinate with other agencies concerned with youth employment, (4) to serve as a general clearinghouse and information center on apprenticeship training, and (5) to coordinate with other programs directed at the total environment of disadvantaged youth. This account traces the program's history from its inception and outlines the techniques and strategies which have made it so successful that it has served as the model for similar operations in at least 40 other cities. (BH)

VT 011 810
The Teacher of Home Economics; Reaching Out to Those We Teach.

Home Economics Education Association, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Home Economics Education Association, National Education Association, Washington, D.C. ($1.50).
PUB DATE - May69 32p.

DESCRIPTORS - *HOME ECONOMICS TEACHERS; *TEACHER ATTITUDES; *TEACHING TECHNIQUES; *STUDENT NEEDS; *DISADVANTAGED GROUPS; HOME ECONOMICS EDUCATION

ABSTRACT - To determine how teachers can effectively guide students in meeting their needs, inquiries were sent to over 200 home economics teachers, most of whom were vocational educators working in special programs with disadvantaged youth and adults. This publication contains excerpts from 11 response letters, most beginning with a description of the community, school, and students, followed by ideas and attitudes

about helping students. Some of the letters particularly reveal what the majority of home economics teachers feel for their students--warm affection, concern, understanding, and acceptance. (SB)

VT 011 817 ED 043 763
KOPEL, BERNICE HELENE
HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - JUL 70 147P.

DESCRIPTORS - *COLLEGE CURRICULUM; DISADVANTAGED GROUPS; DOCTORAL THESES; EDUCATIONAL NEEDS; *FOODS INSTRUCTION; *HOME ECONOMICS EDUCATION; *LOW INCOME GROUPS; *NUTRITION INSTRUCTION
IDENTIFIERS - *OKLAHOMA

ABSTRACT - TO IDENTIFY IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM, MULTIPLE-CHOICE QUESTIONNAIRES WERE DEVELOPED TO PROVIDE GENERAL CHARACTERISTICS OF HOME ECONOMISTS AND THE CONCERNS THEY HAD IN THEIR WORK WITH LOW-INCOME FAMILIES. JOB CONCERNS WERE RANKED AND ANALYZED ACCORDING TO THE DEGREE OF CONCERN EXPRESSED BY THE 129 RESPONDENTS (70.8 PERCENT) IN RELATION TO UNDERSTANDING LOW-INCOME INDIVIDUALS, PLANNING PROGRAMS AND TEACHING METHODS FOR LOW-INCOME GROUPS, KNOWLEDGE OF SUBJECT MATTER, AND EVALUATION OF PROGRAMS. OF GREATEST CONCERN TO THE HOME ECONOMISTS WERE HAVING FOOD AND NUTRITION KNOWLEDGE IN REGARD TO LOW-COST AND COMMODITY FOODS, DETERMINING HOW TO TEACH NUTRITION AND PLAN FOOD AND NUTRITION PROGRAMS FOR LOW-INCOME GROUPS, AND UNDERSTANDING THE PEOPLE WITH WHOM THEY WORK. THE DEGREE OF CONCERN FOR ASPECTS OF THE JOB WERE MOST OFTEN SIGNIFICANTLY AFFECTED BY THE LENGTH OF TIME SINCE THE HOME ECONOMISTS HAD ENROLLED FOR COLLEGE CREDIT AND THE EXTENT TO WHICH TRAINING HAD ASSISTED THEM IN THEIR WORK. AN EMPHASIS ON METHODS OF TEACHING FOOD AND NUTRITION IN A KNOWLEDGEABLE AND STIMULATING WAY WAS IMPLIED FROM THE FINDINGS, AND A BEHAVIORAL SCIENCE EMPHASIS WAS IMPLIED AS ONE MEANS OF HELPING STUDENTS UNDERSTAND LOW-INCOME GROUPS. THIS ED.D. DISSERTATION WAS SUBMITTED TO THE OKLAHOMA STATE UNIVERSITY. (AUTHOR/SB)

VT 011 824
Burrows, Nona L.; Craig, William N.
Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component. Final Report.

Pittsburgh, Pa. School of Education.
Department of Health, Education, and Welfare, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Oct69 110p.

DESCRIPTORS - *EDUCATIONAL OPPORTUNITIES; VOCATIONAL EDUCATION; *DEAF; EDUCATIONAL PROGRAMS; *VOCATIONAL SCHOOLS; ADMINISTRATIVE CHANGE; TEACHING MODELS; *VOCATIONAL REHABILITATION; *DEAF EDUCATION

ABSTRACT - Present educational programs for the deaf do not provide the skills and knowledge necessary for deaf people to reach their potential as productive employees. This 5-year project is designed to demonstrate the feasibility of using existing vocational and technical schools and junior colleges to serve graduates of secondary programs for the deaf. This report describes the research component of the project, the aims of which are: (1) to identify the changes which must be made by both administration and the deaf students, (2) to develop new teaching procedures, and (3) to discover problems common to deaf people in a regular vocational school setting and recommend remedial action for them. The report describes the experience of the pilot program at Delgado College in New Orleans, including personnel, job descriptions, and student characteristics. Explanation of the tests and questionnaires used for evaluation is contained in the appendixes. (BH)

VT 011 827
Croley, Doris M.
The General Education Development (GED) Program at Training and Technology.

Atomic Energy Commission, Oak Ridge, Tenn.
Department of Labor, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 44p.

DESCRIPTORS - *JOB TRAINING; TECHNICAL EDUCATION; *DROPOUT PROGRAMS; DROPOUT PROBLEMS; *EMPLOYMENT OPPORTUNITIES; TESTS; EQUIVALENCY TESTS; VOCATIONAL EDUCATION; *PROGRAM DESCRIPTIONS; *MANPOWER DEVELOPMENT

ABSTRACT - The high school dropout has had many doors closed to him including those to vocational schools, colleges, and employment. Therefore, in an effort that started with an attempt to assist certain World War II veterans in overcoming the hurdle of not having a high school diploma, the General Education Development (GED) high school equivalency program was initiated in 1945. One such center was established in 1968 at the Technology and Training (TAT) project, a manpower development program at Oak Ridge, Tennessee. The high school dropout who secures an equivalency diploma and graduates from TAT enters the job market with an average salary significantly higher than those TAT graduates who do not secure the equivalency diploma. Operational procedures related to these programs are included in this report. (JS)

VT 011 854
Home Economics and the Disadvantaged.

Northern Illinois Univ., DeKalb.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 162p.; Report of a Workshop (Northern Illinois Univ., DeKalb, June 15-16, 1970).

DESCRIPTORS - *WORKSHOPS; *HOME ECONOMICS EDUCATION; *DISADVANTAGED YOUTH; ANNOTATED BIBLIOGRAPHIES; *CURRICULUM GUIDES; EDUCABLE MENTALLY HANDICAPPED; RURAL YOUTH; INNER CITY; SOCIAL INTEGRATION; *INSTRUCTIONAL AIDS

ABSTRACT - A 12-day workshop attended by 14 home economists, was held to improve understanding of disadvantaged pupils and the methods to be used with them. Topics are: (1) Home Economics and the Educable Mentally Handicapped (EMH), which includes a definition and characteristics of the EMH, general teaching principles, objectives, teaching aids, and learning experiences for two units, grooming and child development, (2) Integration of the Disadvantaged in Suburban Schools, which provides suggested objectives, learning experiences, supplemental aids, and evaluation for a number of concepts, (3) Personal Development Unit for Rural Disadvantaged Pupils in Home Economics, which includes student activities, teaching methods, bulletin board ideas, and student and teacher references, and (4) A Child Development Curriculum Guide for Eighth Graders in the Inner City, which includes objectives, generalizations, learning experiences and instructional aids. An annotated bibliography prepared by the participants is included. (SB)

VT 011 858
Overman, Robert W., Jr.
Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).

Southern Regional Education Board, Atlanta, Ga.
Economic Development Administration (DOC), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun70 85p.

DESCRIPTORS - *SERVICE OCCUPATIONS; *UNSKILLED WORKERS; *EDUCATIONALLY DISADVANTAGED; *EMPLOYMENT OPPORTUNITIES; *EDUCATIONAL NEEDS; MANPOWER NEEDS; MANPOWER DEVELOPMENT; INTERAGENCY COOPERATION

ABSTRACT - In order to demonstrate the value of training for the service occupations, this study analyzes four occupations chosen on the basis of (1) projected manpower needs over the next decade, (2) minimal skill requirements, and (3) appeal to the disadvantaged. The four occupations, including maids, food service workers, hospital aides, and janitors, require only short-term training to provide work orientation and skill training. Specific recommendations for training programs for each occupation involve combinations of government agencies, community service organizations, labor organizations, and the private sector. A successful training program must include: (1) training which stresses general employability skills, proper attitudes and work orientation, (2) employer education and cooperation, and (3) a followup program. (BH)

VT 011 866
Two Years of Outreach, 1968-1970.

Veterans Administration, Washington, D.C. Office of the Administrator of Veterans Affairs.
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 49p.

DESCRIPTORS - *TRAINING ALLOWANCES; STATISTICAL SURVEYS; *JOB TRAINING; *VETERANS; *VETERANS EDUCATION; EMPLOYMENT LEVEL; WAGES; PARTICIPATION; *EDUCATIONAL BENEFITS; INFORMATION NEEDS; FOLLOWUP STUDIES

ABSTRACT - Because recent veterans did not know of the special benefits accruing to them, the Veterans Administration (VA) decided to go directly to the men separating from the services and provide them with information concerning such things as the G.I. Bill and rehabilitation services. As a followup, the VA surveyed a sample of 14,200 veterans by questionnaire and develcped a profile of recently discharged veterans. This profile shows that: (1) 16.1 percent had less than a high school education, (2) nine of ten veterans were employed at the time of the survey, and (3) nearly one of four veterans received training under a VA program. Data is also presented on the current rate of earnings, reasons for nonparticipation in training benefits, and the extent of contact between the VA and the veteran. (JS)

VT 011 867
Faulkner, Rosemary; Connor, Thomas R.
Evaluation of a Program of Training for Day Care Attendants.

Prince Edward Island NewStart, Inc., Montague (Canada).
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 33p.

DESCRIPTORS - *PROGRAM EVALUATION; *OCCUPATIONAL HOME ECONOMICS; EDUCATIONAL PROGRAMS; *CHILD CARE WORKERS; *DISADVANTAGED GROUPS; *RURAL AREAS; DAY CARE SERVICES; JOB TRAINING; WORK EXPERIENCE PROGRAMS; OUT OF SCHOOL YOUTH

ABSTRACT - To demonstrate that rural disadvantaged young women can be trained for employment as day care attendants, nine women who had previously received training in basic education and life skills were selected for a 420-hour training program which consisted of 3 weeks of orientation and observation of operating centers, 2 weeks of intensive theory, and 11 weeks of supervised work experience and classroom instruction. Data were gathered on the need for day care centers, trainee employment stability, and child care ability. Analyses of coded observations pertaining to verbal interaction with children revealed that trainee ratings were higher for encouraging interaction, developing concepts, and encouraging speaking than for instruction, reading, and setting limits. Analysis of non-verbal interaction revealed higher ratings for supervising the children than for listening. Observations of changes in trainees' appearance and attitudes revealed that they became more orderly in their dress and personal appearance and also more patient, out-going, and understanding. The objective data do not support the statement that trainees improved in their ability as child care attendants. Though the program was successful, much more firm evidence is needed. (SB)

VT 011 875 ED 043 772
THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.
EDRS PRICE MF-$0.65 HC-$6.58
PUB DATE - APR 70 180P.

DESCRIPTORS - *CULTURALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; *EMPLOYMENT PROGRAMS; *FEDERAL PROGRAMS; MANPOWER DEVELOPMENT; *ON THE JOB TRAINING; *PROGRAM EVALUATION
IDENTIFIERS - *JOB OPPORTUNITIES IN THE BUSINESS SECTOR

ABSTRACT - THE JOB OPPORTUNITIES IN THE BUSINESS SECTOR (JOBS) PROGRAM HAS SHOWN SINCE ITS ESTABLISHMENT IN 1968 THAT A PROGRAM INVOLVING HIRING FIRST, AND THEN TRAINING, CAN BE SUCCESSFUL. MANY EMPLOYERS WITH JOBS CONTRACTS HAVE INSTITUTED EFFECTIVE PROGRAMS TO BRING THE DISADVANTAGED INTO THE LABOR FORCE. HOWEVER, THERE HAS BEEN INADEQUATE SUPERVISION OF PARTICIPATING EMPLOYERS. NOT ONLY HAVE SOME WELL-INTENTIONED EMPLOYERS DISPLAYED A LACK OF UNDERSTANDING IN DEALING WITH THE DISADVANTAGED, BUT OTHER LESS WELL-INTENTIONED CONTRACTERS HAVE USED THE PROGRAM TO CUT COSTS OR SOLVE PERSONNEL PROBLEMS SUCH AS LABOR SHORTAGES DURING A TIGHT LABOR MARKET. AS THE ECONOMY SLOWS DOWN, MANY EMPLOYERS MAY FIND THE PROGRAM TOO COSTLY, EVEN WITH GOVERNMENT SUBSIDY. A MORE DETAILED ANALYSIS WILL BE NECESSARY TO FULLY EVALUATE THE JOBS PROGRAM. (BH)

VT 011 937
Connor, Thomas R., And Others
Some Results of a Training Program for Non-Professional Medical Personnel.

Prince Edward Island NewStart, Inc., Montague (Canada).
MF AVAILABLE IN VT-ERIC SET.
Research Librarian, Prince Edward Island NewStart, Inc., P.O. Box 1000, Montague, Prince Edward Island, Canada (no charge).
PUB DATE - ND 31p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *DISADVANTAGED GROUPS; MALES; PARAMEDICAL OCCUPATIONS; NONPROFESSIONAL PERSONNEL; ADULT BASIC EDUCATION; *JOB TRAINING; *ATTENDANT TRAINING; REMEDIAL ARITHMETIC; REMEDIAL READING; *INTERPERSONAL COMPETENCE; EDUCATIONAL PROGRAMS
IDENTIFIERS - *CANADA

ABSTRACT - To improve the employment level and stability of rural residents of Kings County, Prince Edward Island, 10 males were selected for a 12-week program of basic education, social development, and occupational training as institutional attendants. Analysis of the project concluded that significant gains in knowledge were made only in the occupational training area and that there was some success in placing these individuals in this type of employment. Long term success was not achieved, due to environmental conditions. (AUTHOR)

VT 012 031
Feldman, Marvin J.
Vocational Education and Poverty.

Office of Economic Opportunity, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 16Oct70 25p.; Speech Presented to the Welfare Federation of Cleveland, Manpower Planning and Development Commission (Cleveland, Oct. 16, 1970).

DESCRIPTORS - *VOCATIONAL EDUCATION; SPEECHES; *ECONOMIC DISADVANTAGEMENT; *EDUCATIONAL PROBLEMS; TEACHER EDUCATION; CURRICULUM DEVELOPMENT; ATTITUDES; EDUCATIONAL OPPORTUNITIES; EDUCATIONAL PROGRAMS; PUBLIC OPINION

ABSTRACT - In searching for a better way to overcome poverty, education seems to offer promise, but poverty does not respond to conventional education. What is needed is a national system of vocational education. However, vocational education has been stifled by an attitude which dismisses it as something for the misfit, the disciplinary problem, or the dull child, and this lack of prestige makes it difficult to recruit teachers, achieve better standards, prepare good curriculums, or enroll students. Better understanding and appreciation of the objectives of vocational education by the general public, government, and educators are needed to enhance prestige. Teacher training and recruitment are problem areas because the vocational teacher must not only have the ability to teach but also have experience in the occupational specialty. For some vocational areas, there are no training institutions nor training teachers. In the area of curriculum, there are few institutions or centers concerned with curriculum development or improvement. In order to accomplish fulfillment of individual potential, several programs are suggested. (SB)

RESEARCH DESIGN,
DEVELOPMENT AND UTILIZATION
SECTION

VT 007 344 ED 043 728
MATHER, MARY E., ED.
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.

AMERICAN HOME ECONOMICS ASSOCIATION, WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
AMERICAN HOME ECONOMICS ASSOCIATION, 1600 TWENTIETH STREET, N.W., WASHINGTON, D.C. 20009 ($1.50)
PUB DATE - 68 66P.

DESCRIPTORS - *ABSTRACTS; ADULT EDUCATION; *BIBLIOGRAPHIES; DOCTORAL THESES; EVALUATION; *HOME ECONOMICS EDUCATION; MASTERS THESES; METHODS RESEARCH; PROGRAM PLANNING; *RESEARCH; *RESEARCH REVIEWS (PUBLICATIONS); TEACHER EDUCATION

ABSTRACT - THIS COMPILATION OF 107 ABSTRACTS OF RESEARCH IN HOME ECONOMICS EDUCATION COMPLETED IN 1967 CONTAINS 11 DOCTORAL AND 96 MASTER'S STUDIES SUBMITTED BY 27 INSTITUTIONS. THEY ARE CLASSIFIED ACCORDING TO: (1) ADMINISTRATION, (2) PROGRAM PLANNING; SECONDARY, COLLEGE, AND ADULT PROGRAMS, (3) EVALUATION; SECONDARY, COLLEGE, AND ADULT EDUCATION, (4) METHODS AND MATERIAL, (5) TEACHER EDUCATION, AND (6) MISCELLANEOUS. AN ALPHABETICAL INDEX OF AUTHORS ACCOMPANIED BY DISSERTATION OR THESIS TOPICS ARE INCLUDED IN THE DOCUMENT. (FP)

VT 009 688 ED 034 053
LOUDERMILK, KENNETH M.
IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.

IDAHO OCCUPATIONAL RESEARCH COORDINATING UNIT, MOSCOW.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-4-7-063014-1590 08
BR-6-3014
PUB DATE - AUG 69 21P.

DESCRIPTORS - *RESEARCH COORDINATING UNITS; *RESEARCH PROJECTS; *VOCATIONAL EDUCATION; WORKSHOPS
IDENTIFIERS - *IDAHO

ABSTRACT - THIS FINAL REPORT FOR THE IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION WHICH COVERS THE LAST 11 MONTHS SINCE THE LAST INTERIM REPORT HAS IMPLICATIONS FOR PAST ACCOMPLISHMENTS AND THE FUTURE OUTLOOK OF THE UNIT. THE MAJOR PURPOSE OF THE UNIT WAS TO HELP MAINTAIN AND DEVELOP ALL PROGRAMS OF VOCATIONAL EDUCATION IN IDAHO BY CONDUCTING, COORDINATING, AND STIMULATING RESEARCH AND BY PROVIDING RESEARCH CONSULTING SERVICES. THE UNIT ENGAGED IN 18 RESEARCH PROJECTS, THE RESULTS OF WHICH WERE REPORTED IN 20 RESEARCH PUBLICATIONS. SEVERAL CONFERENCES AND WORKSHOPS WERE HELD, THE MOST IMPORTANT OF WHICH WAS A WORKSHOP FOR TRAINING IN METHODS OF VOCATIONAL RESEARCH. RECOMMENDATIONS CONCERNING THE ROLE AND FUNCTIONS OF THE UNIT ARE DISCUSSED. FOR A VARIETY OF REASONS, BUT PRIMARILY DUE TO THE SHORTAGE AND UNCERTAINTY OF RESEARCH FUNDS, THE UNIT WILL BE MOVED FROM THE COLLEGE OF EDUCATION, UNIVERSITY OF IDAHO, TO THE IDAHO STATE BOARD FOR VOCATIONAL EDUCATION, BOISE, IDAHO. (JK)

VT 010 587 ED 042 886
CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.

WISCONSIN UNIV., MADISON. INDUSTRIAL RELATIONS RESEARCH INST.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - NOV 69 80P.

DESCRIPTORS - CONFERENCES; *EDUCATIONAL RESEARCH; GRADUATE STUDY; INFORMATION RETRIEVAL; *INFORMATION SERVICES; PUBLICATIONS; *RESEARCH PROJECTS; *VOCATIONAL EDUCATION

ABSTRACT - THE FUNCTIONS OF THE CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ESTABLISHED UNDER A FORD FOUNDATION GRANT AT THE UNIVERSITY OF WISCONSIN IN 1964, ARE TO EXAMINE, EVALUATE, AND FURTHER THE DEVELOPMENT OF THE NATION'S SYSTEM OF OCCUPATIONAL EDUCATION BY RESEARCH, GRADUATE STUDY, CONFERENCES, ESTABLISHMENT OF A NATIONAL DEPOSITORY OF REFERENCE MATERIALS, AND DISSEMINATION OF PUBLICATIONS. THE REPORT CONTAINS INFORMATION ON RESEARCH AND PUBLICATIONS ON VOCATIONAL EDUCATION, AND ON THREE CONFERENCES HELD AT THE UNIVERSITY OF WISCONSIN DURING FISCAL YEAR 1969. LISTS OF GRADUATE RESEARCH AND PUBLICATIONS OF RESEARCH ACTIVITIES AT THE CENTER ARE ALSO INCLUDED. (BC)

VT 011 333 ED 042 896
REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).

NATIONAL MANPOWER POLICY TASK FORCE, WASHINGTON, D.C.
MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. OFFICE OF MANPOWER RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - OCT 69 54P.

DESCRIPTORS - *CONFERENCE REPORTS; *DOCTORAL THESES; FEDERAL PROGRAMS; *GRADUATE STUDENTS; INCENTIVE GRANTS; *LABOR ECONOMICS; RESEARCH; *RESEARCH PROJECTS

ABSTRACT - EACH YEAR, RECIPIENTS OF THE MANPOWER ADMINISTRATION DOCTORAL DISSERTATION GRANTS FOR MANPOWER RESEARCHERS DISCUSS THEIR RESEARCH FINDINGS AT A CONFERENCE IN WASHINGTON, D.C. IN ADDITION TO SERVING AS FORUMS FOR THE INTERCHANGE OF IDEAS, THESE CONFERENCES ALSO PROVIDE AN OPPORTUNITY FOR PARTICIPANTS TO MEET THEIR PEERS AND EXPERIENCED MANPOWER SPECIALISTS. THE CONFERENCES ALSO GIVE GOVERNMENT MANPOWER PEOPLE A CHANCE TO ASSESS FIRST-HAND THE CAPABILITIES OF THE NEW RESEARCHERS. THE 1969 CONFERENCE WAS DIVIDED INTO SIX WORKING SESSIONS: (1) PROFESSIONAL AND TECHNICAL MANPOWER, (2) MOBILITY AND MIGRATION, (3) URBAN LABOR MARKET PROBLEMS, (4) WORK INCENTIVES, MOTIVATION, AND JOB SATISFACTION, (5) THEORETICAL LABOR MARKET ANALYSIS, AND (6) PUBLIC AND PRIVATE EFFORTS TO ALLEVIATE MANPOWER PROBLEMS. THE CONFERENCE PROGRAM, INCLUDING 15-MINUTE PRESENTATIONS BY THE 36 ATTENDING GRANT RECIPIENTS, IS CONTAINED IN THE APPENDIX TO THE REPORT. (BH)

VT 011 638
Brown, Walter; Tuckman, Bruce W.
A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.

Rutgers, The State Univ., New Brunswick, N.J. Dept. of Vocational-Technical Education.
New Jersey State Dept. of Education, Trenton. Div. of Vocational Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar70 8p.; Delivered at A.E.R.A. Convention (Minneapolis, Minn., Mar. 3, 1970).

DESCRIPTORS - *FOOD SERVICE OCCUPATIONS; ANALYSIS OF VARIANCE; *COMPARATIVE ANALYSIS; STUDENTS; EDUCATIONAL PROGRAMS; VOCATIONAL EDUCATION; *PROGRAM EVALUATION: *BEHAVIORAL OBJECTIVES; MODELS; *EDUCATIONAL RESEARCH

ABSTRACT - To develop the model, a committee of experts prepared a listing of desired outcome capabilities for vocational education program graduates. A process of behavioral analysis was applied to each item on the list to eliminate duplicated critical behaviors and to improve test reliability because true test items need not be revealed to the subject. As a test of the model, New Jersey's pilot commercial food services programs were evaluated. Four reference groups were chosen, including trainees in the pilot programs, trainees from the regular programs, untrained students from the same schools, and experienced food service workers. The results confirmed the model's validity. (BH)

VT 011 652
Miklius, W., And Others
A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.

Hawaii Univ., Honolulu. Economic Research Center.
Hawaii State Commission on Manpower and Full Employment, Honolulu
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov69 160p.

DESCRIPTORS - *LABOR ECONOMICS; EMPLOYMENT PROJECTIONS; *TECHNOLOGICAL ADVANCEMENT; EMPLOYMENT LEVEL; *SKILL OBSOLESCENCE; PRODUCTIVITY; AUTOMATION; ECONOMIC PROGRESS; VOCATIONAL RETRAINING; EMPLOYMENT PATTERNS; *MATHEMATICAL MODELS; *METHODOLOGY

ABSTRACT - As a result of a growing feeling that a society which benefits from technological change should aid the losers in minimizing their losses, The Economic Research Center was asked to conduct a study on the manpower situation in Hawaii. This report provides the framework for the study by identifying the questions to be asked and developing the methodology with which to answer them. After reviewing the literature on trends in labor productivity in Hawaii, a new model was developed based on cross section data, measuring each factor's contribution to an increase in productivity. Several measures may be used to minimize the impact of technological

change on the worker displaced by the substitution of capital for labor. Because these measures require forecasting of manpower skill requirements, the Center developed methodology for studies to forecast the timing of major technical innovations and changes in demand in the product market. (BH)

VT 011 879 ED 043 773
GORMAN, ANNA M.
REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-3-7-000158-2037 24
BR-7-0158
THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 1900 KENNY ROAD, COLUMBUS, OHIO 43210
PUB DATE - OCT 70 155P.

DESCRIPTORS - *CONFERENCE REPORTS; CONSUMER ECONOMICS; *CONSUMER EDUCATION; CURRICULUM DEVELOPMENT; *EDUCATIONAL RESEARCH; *HOMEMAKING EDUCATION; OCCUPATIONAL HOME ECONOMICS; RESEARCH DESIGN; RESEARCH METHODOLOGY; *RESEARCH NEEDS; RESEARCH PROBLEMS; TEACHER EDUCATION

ABSTRACT - TO DETERMINE PRIORITIES FOR CRITICAL PROBLEMS FACING CONSUMER AND HOMEMAKING EDUCATION AND PLAN RESEARCH PROJECTS WHICH FOCUS ON THESE CRITICAL PROBLEMS, A 5-DAY CONFERENCE WAS ATTENDED BY 107 VOCATIONAL-TECHNICAL EDUCATION SPECIALISTS AND EDUCATORS. CONFERENCE SESSIONS WERE PLANNED TO (1) IDENTIFY CRITICAL RESEARCH PROBLEM AREAS AND PREPARE A PRIORITY LIST, (2) DESCRIBE RESEARCH STRATEGIES, METHODOLOGIES, AND INSTITUTIONAL-STATE RESOURCES TO CONTRIBUTE TO THE SOLUTION OF THESE PROBLEMS, (3) DETERMINE LINES OF COORDINATION FOR COMPLETION OF RESEARCH PROJECTS, AND (4) DISSEMINATE CONFERENCE PROCEEDINGS. ACTIVITIES INCLUDED PANEL DISCUSSIONS AND REACTIONS, GROUP WORK, AND THESE PRESENTATIONS: (1) "THE CHALLENGE OF BEING ONE" BY A.J. MILLER, (2) "WHAT'S WRONG (RIGHT) WITH EVALUATION" BY J. WALKER, (3) "SIMULATION MATERIALS AND TECHNIQUES: INSTRUCTIONAL TOOLS FOR VOCATIONAL EDUCATION LEADERSHIP PREPARATION" BY D.L. WARD, (4) "THE DELPHI TECHNIQUE: A TOOL FOR INQUIRY," BY K.E. GRAY, (5) "DEVELOPING A RESEARCH PROBLEM" BY F.C. PRATZNER, AND (6) "DIFFERENTIATED STAFFING FOR VOCATIONAL AND TECHNICAL EDUCATION IN THE COMMUNITY JUNIOR COLLEGE" BY J.P. ARNOLD. (SB)

VT 011 962 ED 043 782
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.

MARYLAND STATE DEPT. OF EDUCATION, BALTIMORE.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-1-9-300196-2485(085) 08
BR-9-0196
PUB DATE - AUG 70 24P.

DESCRIPTORS - CURRICULUM DEVELOPMENT; DATA COLLECTION; EDUCATIONAL COORDINATION; *EDUCATIONAL RESEARCH; EVALUATION; FINANCIAL SUPPORT; *OBJECTIVES; *RESEARCH COORDINATING UNITS; *RESEARCH DESIGN; *RESEARCH NEEDS; RESEARCH PROJECTS; TECHNICAL EDUCATION; VOCATIONAL EDUCATION
IDENTIFIERS - *MARYLAND

ABSTRACT - ORIGINALLY FUNDED UNDER THE VOCATIONAL EDUCATION ACT OF 1963 AND SUBSEQUENTLY UNDER PART C OF THE 1968 AMENDMENTS, THE MARYLAND RESEARCH COORDINATING UNIT (RCU) STARTED OPERATION IN JANUARY 1969 BY RECRUITING A STAFF AND SECURING THE NECESSARY EQUIPMENT. ONCE THESE NEEDS WERE SATISFIED THE MAJOR ACTIVITIES OF THE STAFF EVOLVED AROUND (1) STATE PLAN DEVELOPMENT, (2) THE DESIGN OF DATA AND INFORMATION COLLECTION INSTRUMENTS TO FACILITATE PLANNING, EVALUATION, AND REPORTING, (3) THE DESIGN OF AN EVALUATION SYSTEM, (4) WORK PRELIMINARY TO THE DESIGN OF RESEARCH IN HEALTH OCCUPATIONS AND INDUSTRIAL ARTS, AND (5) RESEARCH ASSOCIATED WITH THE APPLIED MATHEMATICS CURRICULUM DEVELOPMENT. FUTURE ACTIVITIES INCLUDE RECOMMENDED RESEARCH IN THE AREAS OF OCCUPATIONAL PROGRAMS, ORGANIZATION AND ADMINISTRATION OF PROGRAMS, AND REGIONAL OR STATE-WIDE EVALUATION STUDIES. (AUTHOR/JS)

STUDENTS,
OCCUPATIONAL GUIDANCE
AND OTHER STUDENT
PERSONNEL SERVICES

VT 009 606
Erickson, Reynold M., Ed., And Others
Career Opportunities Through Apprenticeship.

Minnesota State Dept. of Education, St. Paul.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 41p.

DESCRIPTORS - *APPRENTICESHIPS; *CAREER CHOICE; WORK EXPERIENCE PROGRAMS; *TRADE AND INDUSTRIAL EDUCATION; *CAREER OPPORTUNITIES; CAREER PLANNING; *EMPLOYMENT OPPORTUNITIES; SELF CONCEPT; OCCUPATIONAL INFORMATION; METAL WORKING OCCUPATIONS; BUILDING TRADES

ABSTRACT - This guide on career opportunities through apprenticeship is intended for students preparing to choose a future career and examines apprenticeship as a means of learning while doing. It discusses for the student: (1) Exploring and Planning for a Career in an Apprenticeable Occupation, (2) Know Yourself Before Choosing a Career as an Apprentice, (3) You as an Apprentice in the Apprenticeship Program, (4) Making Decisions, (5) Preparing Yourself for an Apprenticeable Trade, (6) How to Apply for Apprenticeship, (7) What the Employer Expects, (8) Apprenticeship Opportunities, and (9) Descriptions of the 16 Apprenticeable Trades in Minnesota. A list of other helpful publications, sample copies of the apprenticeship application form, apprenticeship agreement, and the certificate of completion of apprenticeship, and a Minnesota State Employment Service Directory of Offices are appended. (GR)

VT 010 473 ED 042 884
ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).

SANTA FE JUNIOR COLL., GAINESVILLE, FLA.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - OCT 69 57P.

DESCRIPTORS - COUNSELOR ROLE; COUNSELOR TRAINING; EDUCATIONAL PHILOSOPHY; *EDUCATIONAL TRENDS; GROUP COUNSELING; *SECONDARY SCHOOL COUNSELORS; TESTING; *VOCATIONAL COUNSELING; *VOCATIONAL EDUCATION; *WORKSHOPS
IDENTIFIERS - COUNSELOR WORKSHOPS

ABSTRACT - THE PURPOSE OF THIS SUMMER WORKSHOP WAS TO ENHANCE COMMUNICATION CHANNELS BETWEEN THE PUBLIC SCHOOL AND COLLEGE PERSONNEL, TO ACQUAINT PUBLIC SCHOOL PERSONNEL WITH RESOURCES FOR ENLARGING THEIR COUNSELING PROGRAMS, AND TO EXPAND UPON THE CONCEPT OF VOCATIONAL COUNSELING. PRESENTATIONS INCLUDED (1) "NEW DIMENSIONS/PROBLEMS IN SECONDARY SCHOOL COUNSELING" BY CLIFFORD R. LEBLANC, (2) "FUTURE DIMENSIONS IN VOCATIONAL-TECHNICAL EDUCATION" BY E.L. KURTH, (3) "INTRODUCTION TO GROWTH GROUP EXPERIENCES" BY TAL MULLIS, (4) "NEW PERSPECTIVES IN GROUP WORK" BY RICHARD BLOUCH, (5) "COUNSELING THE DISADVANTAGED" BY J.D. BECK, (6) "COUNSELOR USE OF TESTS" BY MARLIN R. SCHMIDT, AND (7) SUMMARY AND CONCLUSIONS BY APRIL O'CONNELL. (CH)

VT 010 997
Creel, Jane
Careers in Home Economics.

New York State Dept. of Commerce, New York. Women's Programs.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun69 5p.

DESCRIPTORS - *HOME ECONOMICS EDUCATION; *EMPLOYMENT OPPORTUNITIES; *CAREER OPPORTUNITIES; *OCCUPATIONAL INFORMATION; CAREER PLANNING; *COLLEGE GRADUATES

ABSTRACT - This brochure provides job opportunities for those who select home economics as a career. Careers are charted for specialization in: (1) art, (2) family relations and child development, (3) family economics and home management, (4) food and nutrition, (5) home economics education, (6) home furnishings and equipment, (7) institution administration, and (8) textiles and clothing. (SB)

VT 011 010
Frericks, D., Ed.; Schnack, D., Ed.
The Ohio Apprenticeship Notebook for School Counselors.

Ohio State Dept. of Education, Columbus. Div. of Guidance and Testing.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar70 67p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *OCCUPATIONAL INFORMATION; *APPRENTICESHIPS; *VOCATIONAL COUNSELING; *CAREER PLANNING; HIGH SCHOOL STUDENTS; OCCUPATIONAL GUIDANCE; WAGES

ABSTRACT - Developed from employment figures and other data provided by the records of the State Apprenticeship Council of Ohio, this publication is designed to enable counselors to provide high school students and young adults with occupational information. The 35 apprenticeable trades are classified according to building and construction, metal, printing, and miscellaneous trades. A job description, information on wages, eligibility requirements, suggested high school courses, selection criteria, and cities where apprenticeship training is available accompany each trade. An introductory section contains a description of apprenticeships, definitions of terms, Equal Opportunity Standards of the Ohio State Plan, related training in a vocational program, and deferment possibilities for apprentices. A listing of apprenticeable trades in Ohio and sources of information about apprenticeships are appended. (SB)

VT 011 186
Careers in the Logging Industry. An Outline of Career Opportunities for Work in the Woods.

Oregon State Dept. of Employment, Salem.
DOCUMENT NOT AVAILABLE FROM EDRS.
State of Oregon, Employment Division, Salem, Oregon 97310.
PUB DATE - ND 28p.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *CAREER OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES; *LUMBER INDUSTRY; CAREER PLANNING; *OCCUPATIONAL INFORMATION

ABSTRACT - This brochure contains information on career opportunities in the logging industry and is illustrated with photographs and organizational charts. Also included are a glossary of logging terms and addresses for obtaining information on logging employment and training opportunities. (SB)

VT 011 326
Sedivy, Evelyn, Ed.; Williams, Mary H., Ed.
Handbook of Aerospace-Related Occupations.

Lincoln Public Schools, Nebr. Aerospace Curriculum Development Project.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 178p.

DESCRIPTORS - *OCCUPATIONAL INFORMATION; *OCCUPATIONAL GUIDANCE; *AEROSPACE INDUSTRY; *EMPLOYMENT OPPORTUNITIES; *EMPLOYMENT QUALIFICATIONS; VOCATIONAL COUNSELING; JOB SKILLS; AEROSPACE TECHNOLOGY; AVIATION TECHNOLOGY; WAGES; EDUCATIONAL NEEDS; EMPLOYMENT PROJECTIONS
IDENTIFIERS - *ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

ABSTRACT - Developed by junior and senior high school teachers during two workshops, this handbook provides a listing of occupations in aerospace-related areas. Occupations are grouped under: (1) Aerospace Industry, including subgroups of scientists and engineers, technicians, production workers, and administrative and support personnel, (2) Civil Aviation, including subgroups of air carrier and general aviation, and (3) Government, including subgroups at the federal, state, and local levels. Each job description includes a brief resume of the nature of the work, requirements for entering the occupation, approximate wages, opportunities for advancement, and an estimate of the future employment demand. Sources of occupational information complete each subgroup. (SB)

VT 011 344
A Job with the Forest Service. A Guide to Nonprofessional Employment. Miscellaneous Publication No. 843.

Department of Agriculture, Washington, D.C. Forest Service.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A1.38:843/9, $.15).
PUB DATE - Feb70 20p.

DESCRIPTORS - *FORESTRY; *FORESTRY OCCUPATIONS; *EMPLOYMENT OPPORTUNITIES; *OCCUPATIONAL INFORMATION; *CAREER PLANNING; EDUCATIONAL PROGRAMS; WORK EXPERIENCE

ABSTRACT - Answers are given to 14 questions most frequently asked about careers in the Forest Service. Questions relate to the functions of the Forest Service, job opportunities, training requirements, training opportunities, salaries, and work experience. Addresses of Regional Foresters and Interagency Boards of the United State Civil Service Examiners and a map showing the national forest system are included. (SB)

VT 011 401 ED 042 898
LEWIS, CHARLES E., JR.
SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-2-7-070348-2698 08
BR-7-0348
PUB DATE - 69 168P.

DESCRIPTORS - EDUCATIONAL NEEDS; EDUCATIONAL RESEARCH; *HIGH SCHOOL STUDENTS; *MALES; *OCCUPATIONAL ASPIRATION; *RACIAL INTEGRATION; RACIAL SEGREGATION; SOCIAL INTEGRATION; *VOCATIONAL EDUCATION; VOCATIONAL INTERESTS
IDENTIFIERS - *NORTH CAROLINA

ABSTRACT - TO INVESTIGATE THE RELATIONSHIP BETWEEN RACIAL INTEGRATION AND STUDENT'S LEVEL OF OCCUPATIONAL EXPECTATION, QUESTIONNAIRE DATA WERE OBTAINED FROM A SAMPLE OF 1,264 HIGH SCHOOL MALE SENIORS IN 84 INTEGRATED AND SEGREGATED SCHOOLS IN NORTH CAROLINA. ANALYSIS OF INTEGRATION AND EXPECTATION IN RELATION TO SOCIOECONOMIC STATUS, SIZE OF SCHOOL, COMMUNITY ORIENTATION, KNOWLEDGE OF OCCUPATIONAL EDUCATION OPPORTUNITIES, AND OCCUPATIONAL PREPARATION BEHAVIOR REVEALED: (1) IN INTEGRATED SCHOOLS, WHITE STUDENTS HAVE HIGHER OCCUPATIONAL EXPECTATION LEVELS THAN NONWHITE STUDENTS EXCEPT WHEN SOCIOECONOMIC STATUS IS LOW, THE SCHOOL IS SMALL, OR SOCIAL INTEGRATION IS HIGH, (2) WHETHER WHITE OR NONWHITE, SEGREGATED OR INTEGRATED, URBAN STUDENTS HAVE HIGHER EXPECTATIONS THAN RURAL STUDENTS, (3) LEVEL OF OCCUPATIONAL EXPECTATION IS POSITIVELY RELATED TO SOCIOECONOMIC STATUS FOR BOTH WHITE AND NONWHITE STUDENTS, AND (4) IN SEGREGATED SCHOOLS THE EXPECTATION LEVEL OF WHITE AND NONWHITE STUDENTS DOES NOT DIFFER REGARDLESS OF SOCIOECONOMIC STATUS. THE RESULTS IMPLY THAT THE PHYSICAL AND SOCIAL DIMENSIONS OF INTEGRATION AS WELL AS RACE OF THE STUDENT INFLUENCE OCCUPATIONAL EXPECTATIONS QUITE DIFFERENTLY. RESULTS ALSO SUGGEST A NEED FOR OCCUPATIONAL EDUCATION PROGRAMS THAT WOULD EMPHASIZE SOCIAL INTEGRATION AS A MEANS OF RAISING EXPECTATION LEVELS. (AUTHOR/SB)

VT 011 786
A Conversation with Lynda.

American Vocational Association, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Publication Sales, American Vocational Association, 1510 H Street, N.W., Washington, D.C. 20005 ($.75).
PUB DATE - ND 14p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *RELEVANCE (EDUCATION); *STUDENT ATTITUDES; *COUNSELING

ABSTRACT - This booklet contains some thoughts and experiences of Lynda, a student at a vocational-technical center, which reveal the loyalty that she and other students feel for teachers and the school. These excerpts suggest that vocational educators need to reexamine the responsibility that goes with caring for people as individuals and the objectivity required in meeting loyalty. They are also intended for those responsible for providing programs who often become too preoccupied with large sums, numbers, and quantities at the expense of the individual. (SB)

TEACHERS AND TEACHER EDUCATION SECTION

867

VT 009 389
Hill, Charles R.
Articulation of Courses and Curricula for Industrial Teacher Preparation.

Saint Louis Junior College District, Mo.
Southern Illinois Univ., Carbondale.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15Apr69 26p.

DESCRIPTORS - *COMMUNITY COLLEGES; *JUNIOR COLLEGES; *TEACHER EDUCATION; *INDUSTRIAL EDUCATION; PROGRAM DEVELOPMENT; TEACHER RECRUITMENT; *ARTICULATION (PROGRAM)

ABSTRACT - The need for industrial teachers at the community-junior colleges and viewpoints on how to help increase the supply of industrial teachers is the major focus of this paper. Several issues or problems are pointed out and briefly answered. The community-junior colleges were suggested as being especially suited to help increase the supply of industrial teachers because they: (1) extend educational opportunity, (2) make college accessible, (3) lower student cost, (4) have an "open-door" admissions policy, (5) are "second-chance colleges," (6) offer a variety of programs, (7) offer occupational education, (8) aim toward carrying courses with transfer credit, (9) deal with inadequacies in the student's educational background, and (10) offer college attendance and career choice counseling. Additional information on educational, business, and industrial considerations were pointed out as having a bearing on the supply and demand of industrial teachers. Specific recruiting activities are described. (GR)

VT 010 271
Eno, Richard S.
Qualifications for Technical Teachers in Engineering Technologies in New York State Two-Year Colleges and Facilities for Developing Such Teachers.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15Oct68 195p.

DESCRIPTORS - *TEACHER QUALIFICATIONS; TECHNICAL EDUCATION; TEACHER RESPONSE; QUESTIONNAIRES; *STATE SURVEYS; VOCATIONAL SCHOOLS; TABLES (DATA)
IDENTIFIERS - NEW YORK STATE

ABSTRACT - A total of 131 engineering technology teaching personnel completed instruments to help identify the qualifications of competent technical teachers of 2-year colleges in New York State. The instrument requested such information as: (1) initial preparation, (2) in-service professional development, (3) components of the total ability required, (4) pros and cons regarding the teaching of technical courses, and (5) pros and cons regarding the facilities for developing technical teachers. Lengthy conclusions are drawn for each of the following subsections: (1) Perspectives, (2) The Transcendental Element, (3) Technical Competency, (4) Professional Development Prior to Entering Technical Teaching, and (5) Professional Development After Entering Technical Teaching. Nine recommendations are included. All items mentioned in the study, including the instrument, are appended. (GR)

VT 010 700
Training and Technology; Recruitment: In-Service Vocational-Technical Teacher Institute (1967).

Oak Ridge Associated Universities, Tenn.
Tennessee Univ., Knoxville.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Office of Education (DHEW), Washington, D.C.
Department of Labor, Washington, D.C.
Atomic Energy Commission, Oak Ridge, Tenn.
MF AVAILABLE IN VT-ERIC SET.
FD-44
PUB DATE - 27Dec67 13p.

DESCRIPTORS - *INSERVICE TEACHER EDUCATION; *TEACHERS; *SUMMER INSTITUTES; *RECRUITMENT; SELECTION; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; HIGH SCHOOLS; TABLES (DATA); POST SECONDARY EDUCATION

ABSTRACT - One hundred teachers were accepted for a summer inservice teacher institute for vocational and technical teachers at high school and post-high school levels. The institute was established to update experience in professional industrial education and

modern industrial technology. A selection committee was appointed to screen the applicants who were teachers contracted to teach a major portion of their time in the subject area for which they applied. Participants received $75 per week while attending plus allowances for children, and teachers completing the program were eligible for 12 hours of graduate or undergraduate credit. A profile of the candidates includes: (1) 66 percent of the teachers selected were scheduled to spend 100 percent of their teaching time in the major area for which they were enrolled, (2) The average total years of trade experience in the specialty areas WjS 12.9 years and average teaching experience was 5.9 years, and (3) The mean education was 13.7 years. A course outline for the summer inservice teacher education program is available as VT 010 697 (AIM Spring 1971). (BC)

VT 010 974
Seminar for Instructors and Directors of Selected Health Related Programs. Final Report (St. Petersburg Junior Coll., Fla., June 8-13, 1969).

Florida State Dept. of Education, Tallahassee. Div. of Vocational, Technical and Adult Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun69 38p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *SEMINARS; *EDUCATIONAL PLANNING; *EDUCATIONAL PROGRAMS; PROFESSIONAL PERSONNEL; NONPROFESSIONAL PERSONNEL; MODELS

ABSTRACT - Opportunity for consultation and group consideration of problems in health-related educational programs was the purpose of this 5-day seminar attended by 28 educators and directors from selected health-related programs in Florida. Group discussions and reading assignments were based on presentations by: (1) Andrew Doyle, who introduced an approach to education planning using a 5-part instructional model, (2) Ralph Kuhli, who reviewed statistical information for professional and supportive personnel in health and community service areas, and (3) L.M. Detmer, who described the activities and focus of the work being planned by the American Hospital Association. Written evaluations by the participants revealed a generally positive reaction. Major recommendations were: (1) hold several sessions during the year for shorter periods, (2) include structured group sessions in specialty areas, and (3) include other vocational-technical areas in future seminars. (SB)

VT 011 094 ED 042 893
VOCATIONAL COMPETENCY EXAMINATION FOR PREPARATORY TEACHERS AND TEACHER COORDINATORS IN VOCATIONAL BUSINESS AND OFFICE EDUCATION, 1970.

MICHIGAN UNIV., ANN ARBOR. SCHOOL OF EDUCATION.
MICHIGAN STATE DEPT. OF EDUCATION, LANSING.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - 70 31P.

DESCRIPTORS - *BUSINESS EDUCATION; CREDENTIALS; NATIONAL COMPETENCY TESTS; *OFFICE OCCUPATIONS EDUCATION; TEACHER CERTIFICATION; *TEACHER EDUCATION CURRICULUM; *TEACHER EVALUATION; *TESTS; WORK EXPERIENCE

ABSTRACT - A COMPETENCY EXAMINATION WAS DEVELOPED TO ASSIST IN CERTIFICATION AS WELL AS TO INCREASE THE SUPPLY OF VOCATIONAL BUSINESS AND OFFICE EDUCATION TEACHERS. THE RATIONALE FOR THE EXAMINATION WAS DERIVED FROM REVIEWING LITERATURE AND GATHERING INFORMATION FROM 12 STATES, 25 COORDINATORS, SPECIAL MEETINGS, AND BEFORE-AND-AFTER QUESTIONNAIRES COMPLETED BY 41 GRADUATE STUDENTS. THE EXAMINATION CONSISTS OF THREE PARTS DESIGNED TO TEST COMPETENCIES IN TECHNICAL CONTENT AND SKILLS, PROFESSIONAL VOCATIONAL TEACHER EDUCATION, AND WORK EXPERIENCE. SUGGESTIONS ARE GIVEN FOR THE TYPE OF EXAMINATION TO TEST EACH COMPETENCY AREA AS WELL AS FOR ADMINISTERING PROCEDURES. THE LETTER OF INQUIRY, MAILING LIST, AND SUPPLEMENTARY COMMENTS ARE APPENDED. (SB)

VT 011 096
The Preparation of Professional Personnel for Vocational Technical Education.

Office of Education (DHEW), Washington, D.C. Bureau of Research.
MF AVAILABLE IN VT-ERIC SET. OEG-0-8-080358-3594 08
BR-8-0358
PUB DATE - Jun69 14p.

DESCRIPTORS - *MODELS; *PROGRAM IMPROVEMENT; *PROGRAM ADMINISTRATION; *VOCATIONAL EDUCATION TEACHERS; *TEACHER SUPPLY AND DEMAND; TEACHER EDUCATION; PROFESSIONAL PERSONNEL; ADMINISTRATIVE ORGANIZATION; PROGRAM COORDINATION; FEDERAL AID; GUIDELINES

ABSTRACT - A model for resolving critical problems of supply and demand for vocational education personnel is based on organizational and operational strategies recommended in a 1968 seminar held at The University of Nebraska and attended by college administrative officers, State vocational education directors, vocational-technical teacher educators, and Office of Education staff. Concerning the administration of programs for the development of professional personnel, the model specifies steps necessary for departmental organization, program coordination, administrative structure, professional goals, selection and recruitment, and use of available federal assistance. A report of the seminar is available as ED 030 763 or VT 008 953 (ARM Fall 1970). (CH)

VT 011 233
Hoerner, Thomas A.
Level of Mechanics Skills, Abilities, and Understandings Needed and Possessed by Teachers of Agriculture. Teacher Education Research Series, Volume 9, Number 3.

Pennsylvania Agricultural Experiment Station, University Park.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 30p.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL ENGINEERING; *TEACHING SKILLS; *TEACHER QUALIFICATIONS; TEACHING EXPERIENCE; INSERVICE TEACHER EDUCATION; INSERVICE COURSES; SECONDARY EDUCATION; YOUNG FARMER EDUCATION; ADULT FARMER EDUCATION

ABSTRACT - To determine the level of mechanics skills, abilities, and understandings needed and possessed by agriculture teachers, a survey form was administered to 133 Pennsylvania agriculture teachers attending inservice agricultural mechanics classes. The survey sought general information as well as the degree of competence needed and possessed for 148 skills, abilities, and understandings related to agricultural mechanics. The teachers averaged 27 years of age and had taught an average of 11.8 years of high school agriculture and 5.5 years of young farmer and adult farmer education. Units most frequently mentioned as being in the 4-year program and as having been taught were arc welding, carpentry construction, oxy-acetylene brazing and cutting, and agricultural machinery. The skill group rated at the highest degree of need and competence was welding and metals, while irrigation and soils was rated at the least degree of need and competence. With the exception of one skill, the mean level of needed competence was higher than the mean level of possessed competence, showing that teachers could profit from a continuing program of inservice education in agricultural mechanics. (SB)

VT 011 433 ED 042 901
CAMERON, WALTER A.; COTRELL, CALVIN J.
REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X--INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.
OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$3.29 OEG-3-7-000158-2037 08
BR-7-0158
THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 1900 KENNY ROAD, COLUMBUS, OHIO 43210 ($2.00)
PUB DATE - JUL 70 86P.

DESCRIPTORS - BEGINNING TEACHERS; COMPARATIVE ANALYSIS; *FEEDBACK; *INSERVICE EDUCATION; LESSON OBSERVATION CRITERIA; *MICROTEACHING; TEACHER EVALUATION; TEACHER IMPROVEMENT; *VIDEO TAPE RECORDINGS; VOCATIONAL EDUCATION; *VOCATIONAL EDUCATION TEACHERS

ABSTRACT - THREE REMOTE FEEDBACK TECHNIQUES INVOLVING MICRO-TEACHING AND VIDEO RECORDING WERE TESTED TO FACILITATE INSERVICE TEACHER EDUCATION TO TEACHERS IN ISOLATED CIRCUMSTANCES. FROM A POPULATION OF 57 BEGINNING TEACHERS OF HEALTH OCCUPATIONS EDUCATION, TRADE AND INDUSTRIAL EDUCATION, AND TECHNICAL EDUCATION IN COLORADO, A SAMPLE OF 39 TEACHERS WAS SELECTED RANDOMLY AND ASSIGNED TO THREE EQUAL-TREATMENT GROUPS. THE PRETEST-POSTTEST CONTROL GROUP DESIGN WAS SELECTED TO STUDY VIDEO-PHONE FEEDBACK, VIDEO-MAIL FEEDBACK, AND VIDEO-SELF-EVALUATION. A PANEL OF TWO EXPERIENCED STATE SUPERVISORS RATED THE 5-MINUTE PRETEST LESSON AND THE POSTTEST PERFORMANCE OF THE TEACHERS WITH A SIX-POINT RATING SCALE. IN ADDITION, A SATISFACTION SCALE AND A REACTION QUESTIONNAIRE WERE ADMINISTERED. CONCLUSIONS WERE: (1) FEEDBACK FROM THE TEACHER EDUCATOR VIA MAILED VIDEOTAPE PRESENTATIONS OR VIA TELEPHONE HAD NO MORE EFFECT ON IMPROVING TEACHER PERFORMANCE THAN A VIDEO-SELF-EVALUATION, (2) TEACHER SATISFACTION WITH THE THREE REMOTE TECHNIQUES WAS NOT DEPENDENT UPON THE TYPE OF FEEDBACK RECEIVED,

AND (3) REMOTE TECHNIQUES IN AN INSERVICE PROGRAM WERE FOUND FEASIBLE AND DID HELP BEGINNING TEACHERS ANALYZE AND CHANGE THEIR TEACHING BEHAVIOR. (GR)

VT 011 634 ED 043 740
SPRECHER, ROBERT E.
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 169P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; *Q SORT; *QUESTION ANSWER INTERVIEWS; *ROLE PERCEPTION; ROLE THEORY; TEACHER ROLE; *TRADE AND INDUSTRIAL TEACHERS; VOCATIONAL DIRECTORS; *VOCATIONAL EDUCATION TEACHERS

ABSTRACT - THE Q-TECHNIQUE WAS EMPLOYED IN THE PERSONAL INTERVIEW WITH 20 AREA SCHOOL DIRECTORS, 40 TRADE TEACHERS, AND 40 ACADEMIC TEACHERS, LOCATED IN 20 COMPREHENSIVE HIGH SCHOOL DISTRICTS IN MISSOURI WHICH WERE SERVED BY AN AREA VOCATIONAL SCHOOL. COMPARISONS BETWEEN PERCEPTIONS WERE MEASURED BY CORRELATIONAL ANALYSIS OF TWO-WAY ANALYSIS OF VARIANCE TESTS WERE USED TO DETERMINE SIGNIFICANT DIFFERENCES. CONCLUSIONS WERE: (1) ALL THREE GROUPS ARE IN RELATIVELY CLOSE AGREEMENT IN REGARD TO WHAT EACH BELIEVES THE ROLE OF THE TRADE TEACHER SHOULD BE IN THE SCHOOL ENVIRONMENT, (2) ROLE FUNCTIONS AS PERCEIVED BY TRADE TEACHERS ARE THOSE THAT THE DIRECTORS WOULD HAVE THEM PERFORM, (3) TRADE TEACHERS EXPRESS MORE CONFIDENCE IN THEIR ABILITY TO ASSESS THE DIRECTORS' VIEWS THAN DO ACADEMIC TEACHERS, (4) TRADE TEACHERS ERRONEOUSLY EXPECT THAT THE ACADEMIC TEACHERS WOULD HAVE THEM ASSUME DIFFERENT ROLES , (5) DIRECTORS AND ACADEMIC TEACHERS AGREE IN THEIR PERCEPTIONS OF THE ROLE BEHAVIOR OF TRADE TEACHERS, AND (6) THE TRADE TEACHER'S ROLE IS NOT AFFECTED BY THE LOCATION OF THE AREA SCHOOL. THIS PH.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (GR)

VT 011 675
Weber, Edwin Junior
The Development of Performance Objectives for Teacher-Coordinators of Cooperative Occupational Training Programs.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
PUB DATE - 70 145p.

DESCRIPTORS - *INSTRUCTOR COORDINATORS; *PERFORMANCE CRITERIA; EVALUATION TECHNIQUES; *TEACHER EDUCATION; *COOPERATIVE EDUCATION; OFFICE OCCUPATIONS EDUCATION; QUESTION ANSWER INTERVIEWS; DISTRIBUTIVE EDUCATION; *PERFORMANCE FACTORS

ABSTRACT - The general purpose of this study was to identify, classify, evaluate, and state in behavioral language the job-related activities of the teacher-coordinator of a Cooperative Occupational Training (COT) program in office and distributive education. Data were collected in interviews with 24 teacher-coordinators identified by experts as "effective" practitioners in on-going programs; representativeness was not a factor in selection. Interview data included: (1) normative data about the respondent, (2) whether the respondent did perform the task, (3) whether the respondent felt the task should be performed, (4) indication of importance of the task to the respondent, and (5) a priority ranking of eight major performance classifications. Recommendations are included for: (1) planning preservice and inservice preparatory programs based on performance objectives in systems of education for teacher-coordinators, (2) using performance objectives in developing evaluation instruments, (3) using performance objectives in determining and evaluating vocational certification requirements, and (4) increasing research in certain problem areas. This Ph.D. dissertation was submitted to the University of Michigan. (AUTHOR/BH)

VT 011 685 ED 043 743
SLATER, JOHN BREISCH
SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 188P.

DESCRIPTORS - BIBLIOGRAPHIES; *COLLEGE TEACHERS; CURRICULUM DEVELOPMENT; DOCTORAL THESES; *EDUCATIONAL NEEDS; *ELECTRONICS; *INDUSTRIAL EDUCATION; NATIONAL SURVEYS; PROGRAM IMPROVEMENT; *TEACHER EDUCATION

ABSTRACT - A SURVEY OF 133 INDUSTRIAL EDUCATION ELECTRONICS INSTRUCTORS IN 115 4-YEAR COLLEGES AND UNIVERSITIES IN 40 STATES WAS CONDUCTED TO DETERMINE THE EXPRESSED NEEDS OF COLLEGE LEVEL ELECTRONICS INSTRUCTORS FOR UPDATING EDUCATIONAL EXPERIENCES IN SPECIFIED ELEMENTS. AN ATTEMPT WAS ALSO MADE TO DETERMINE THE NATURE OF COURSE CONTENT NEEDED IN GRADUATE LEVEL PROGRAMS. FINDINGS AND CONCLUSIONS INCLUDED: (1) 20 PERCENT OF THE PARTICIPANTS GRADUATED PRIOR TO 1950, 30 PERCENT DURING THE PERIOD 1950 TO 1960, AND 50 PERCENT GRADUATED AFTER 1960, (2) ONLY SLIGHT DIFFERENCES IN PERSONAL EDUCATIONAL NEEDS WERE REPORTED IN VARIOUS BACCALAUREATE DEGREE CATEGORIES, (3) THOSE GRADUATING BEFORE 1950 TENDED TO REPORT NEEDS CONCERNED WITH THEORIES OF ELECTRONIC FUNCTIONS, (4) INSTRUCTORS GRADUATING DURING THE PERIOD 1950 TO 1960 REPORTED LESS NEED FOR THE STUDY'S ELEMENT THAN THOSE IN THE OTHER GROUPS, (5) INSTRUCTORS GRADUATING SINCE 1960 INDICATED A NEED FOR CONTENT RELATED TO THE PRACTICAL APPLICATION OF TECHNIQUES INVOLVED IN THE SERVICE OF ELECTRONIC DEVICES, AND (6) COURSE CONTENT SHOULD INCLUDE ALL APPROPRIATE CONCEPTS. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 689 ED 043 747
BAKER, GEORGE LEWIS
AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 142P.

DESCRIPTORS - *AUTOMATION; BIBLIOGRAPHIES; COLLEGE PROGRAMS; COMPARATIVE ANALYSIS; *CYBERNETICS; DOCTORAL THESES; EDUCATIONAL NEEDS; EVALUATION METHODS; INDUSTRIAL ARTS; *INDUSTRIAL ARTS TEACHERS; *INDUSTRY; QUESTIONNAIRES; *TEACHER EDUCATION; TEACHER EDUCATORS

ABSTRACT - TABULATED AND ANALYZED DATA FROM TWO QUESTIONNAIRES RETURNED BY 84 (92.3 PERCENT) INDUSTRIAL ARTS EDUCATORS AND 20 (35 PERCENT) SELECTED INDUSTRIES, WERE USED TO DETERMINE THE OFFERINGS IN AUTOMATION AND CYBERNETICS AT INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS AND TO COMPARE THESE OFFERINGS WITH CURRENT PRACTICES IN INDUSTRY. CONCLUSIONS WERE: (1) TEACHERS ARE BEING PREPARED IN PROGRAMS THAT ARE NOT REPRESENTATIVE OF CURRENT INDUSTRIAL PRACTICES, (2) SOME EQUIPMENT USED FOR BUSINESS COULD PROVIDE EXPERIENCES FOR INDUSTRIAL ARTS STUDENTS, (3) THERE IS A LACK OF QUALIFIED PERSONNEL TO PROVIDE OFFERINGS IN AUTOMATION AND CYBERNETICS, (4) OFFERINGS ARE AFFECTED BY THE PROGRAM ENROLLMENT, THE NUMBER OF INSTRUCTORS AND THE EXISTENCE OF TECHNICAL OR SIMILAR PROGRAMS, (5) THERE IS A NEED TO UNDERSTAND AUTOMATION AND CYBERNETICS PROGRAMS, (6) THE USE OF NEW TECHNIQUES WILL TAKE MUCH OF PRODUCTION CONTROL AND MACHINE CONTROL OUT OF THE FACTORY, (7) INCREASED SPECIALIZATION AND GREATER EDUCATIONAL ATTAINMENT WILL AFFECT INDUSTRIAL PERSONNEL, AND (8) TOPICS AND CONCEPTS SHOULD BE USED AS A BASIS FOR THE COURSE DEVELOPER TO BEGIN TAILORING CONTENT TO ACHIEVE SPECIFIC TERMINAL OBJECTIVES. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 707 ED 042 915
HARRINGTON, FRED WHITNEY
DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 102P.

DESCRIPTORS - COLLEGE STUDENTS; *COMPARATIVE ANALYSIS; *DISTRIBUTIVE EDUCATION; INDIVIDUALIZED INSTRUCTION; *INSTRUCTOR COORDINATORS; *JOB SKILLS; PREDICTIVE MEASUREMENT; PROGRAM COORDINATION; *TEACHER EDUCATION
IDENTIFIERS - SELF INSTRUCTIONAL PACKAGE

ABSTRACT - TO HELP COOPERATIVE EDUCATION TEACHER-COORDINATORS BRIDGE THE GAP BETWEEN PRESERVICE TEACHER EDUCATION CLASSES AND ON-THE-JOB COORDINATION SKILL REQUIREMENTS, A PROTOTYPE SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS WAS DEVELOPED WHICH INCLUDED VIDEO RECORDED INTERVIEW MODELS WITH DISCRIMINATION TRAINING. THE PACKAGE WAS THEN TESTED BY USING CONTROL AND ESPERIMENTAL GROUPS OF DISTRIBUTIVE EDUCATION STUDENTS. ANALYSIS WAS FACILITATED BY USING THE PRETEST-POSTTEST METHOD, AN ANALYSIS OF COVARIANCE, PAIRED GROUPS, THE T-TEST, AND A STUDENT OPINIONNAIRE. THE HYPOTHESIS THAT PROSPECTIVE COORDINATORS WHO USE THE SELF-INSTRUCTIONAL PACKAGE SIGNIFICANTLY IMPROVE THEIR PERFORMANCE IN THREE SKILL AREAS AS COMPARED TO THOSE PROSPECTIVE COORDINATORS WHO DO NOT USE THE PACKAGE WAS NOT ACCEPTED. HOWEVER, IT WAS CONCLUDED THAT THOSE USING THE PACKAGE DID IMPROVE THEIR SKILLS. RECOMMENDATIONS RESULTING FROM THE STUDY INCLUDE THE NEED FOR FUTURE RESEARCH TO TEST THE RESULTS OF

USING THE PACKAGE OVER A LONGER TRAINING PERIOD. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 722
Harris, E. Edward
Requirements for Office and Distributive Education Teacher-Coordinators. South-Western Monographs in Business and Economic Education, Monograph 15.

South-Western Publishing Co., Cincinnati, Ohio.
MF AVAILABLE IN VT-ERIC SET.
South-Western Publishing Company, Cincinnati, Ohio 45227.
PUB DATE - Mar67 93p.

DESCRIPTORS - *INSTRUCTOR COORDINATORS; TEACHER EDUCATION; *EFFECTIVE TEACHING; *CRITICAL INCIDENTS METHOD; COOPERATIVE EDUCATION; *LITERATURE REVIEWS; TASK ANALYSIS; *COMPARATIVE ANALYSIS

ABSTRACT - To aid meeting preservice and inservice education needs of teacher-coordinators and in developing evaluative instruments for use by supervising administrators as well as in structuring self-evaluative guides for teacher-coordinators, this study sought to identify patterns of thinking and behavior of office and distributive education teacher-coordinators. Findings were based upon the critical behaviors and reasoned-judgement reactions of experienced distributive education and office education teacher-coordinators who were operating state-approved cooperative programs in secondary schools in the state of Illinois during the 1963-1964 school year. The findings demonstrate that the major activities of office education and distributive education teacher-coordinators are similar. A number of critical requirements are listed for both distributive education and office education teacher-coordinators and it is recommended that these be given serious consideration by teacher-educators and others who are responsible for developing and administering preservice education programs. This report is a summary of a 1965 dissertation completed at Northern Illinois University. (AUTHOR/JS).

VT 011 801
Holman, Mary Jo
A Measurement of Attitudes of Home Economics Student Teachers at Oklahoma State University Toward the Mentally Retarded.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul70 89p.

DESCRIPTORS - *STUDENT TEACHERS; *HOME ECONOMICS EDUCATION; *TEACHER ATTITUDES; *MENTAL RETARDATION; MASTERS THESES; ATTITUDE TESTS
IDENTIFIERS - OKLAHOMA

ABSTRACT - Success or failure of the mental retardate's adjustment into the school age population seems to depend upon the attitude of the teacher toward the mentally retarded child. Using a pretested attitude scale, the attitude of 70 home economics student teachers toward the mentally retarded were examined in six areas of conceptualization, including segregation via institutionalization, cultural deprivation, noncondemnatory etiology, personal exclusion, hopelessness, and authoritarianism. It was found that the student teachers tended to be nonauthoritarian in their approach to the subject. They projected the view that the mental retardate should not be removed from the mainstream of society and that segregation via institutionalization was unsuitable. In conflict with this generalized acceptance of the retarded, some were unable to accept intimate contact with the retarded. They seemed to have a noncondemnatory viewpoint toward causal factors of mental retardation, yet were divided in their outlook on the retardate's future. Indecision as to the significance of cultural impoverishment as a contributor to mental retardation was also apparent. This M.S. thesis was submitted to the Oklahoma State University. (AUTHOR/SB)

VT 011 846
Hedges, Lowell; Woodin, Ralph J.
The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.

Ohio State Univ., Columbus. Dept. of Agricultural Education
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun70 40p.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *VIDEO TAPE RECORDINGS; *PRESERVICE EDUCATION; *STUDENT TEACHING; *VOCATIONAL AGRICULTURE TEACHERS; TRAINING TECHNIQUES; COOPERATING TEACHERS; COLLEGE SUPERVISORS; STUDENT TEACHERS; TEACHING TECHNIQUES

ABSTRACT - To determine the feasibility of using videotape techniques in preservice teacher education in agricultural education at the Ohio State University, this study utilized data obtained from a jury and a questionnaire. The jury of four agricultural education personnel was selected to view the taped lessons and evaluate the performance of the student teachers. The questionnaire was used to obtain the judgment of student teachers and cooperating teachers as to where and when in the teacher education program the videotape techniques could most effectively be used. The use of videotape techniques was deemed feasible in this teacher preparation program. The videotape recordings were easily incorporated in the methods course and field experiences without extensive revision of course content, field experience activities, or time schedule. (GB)

TEACHING AND LEARNING SECTION

VT 009 381
Belbin, R.M.
The Discovery Method in Training. Training Information. Paper 5..

Department of Employment and Productivity, London (England). Training Div.
DOCUMENT NOT AVAILABLE FROM EDRS.
PUB DATE - 69 47p.

DESCRIPTORS - *DISCOVERY LEARNING; RESEARCH METHODOLOGY; *PROGRAMED INSTRUCTION; FOREIGN COUNTRIES; *TEACHING METHODS; EDUCATIONAL METHODS; *COMPARATIVE ANALYSIS; *TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - *ENGLAND

ABSTRACT - The discovery approach to training allows the pupil to learn by finding out principles and relationships for himself. This method, which appears to be especially useful in the conversion training of older workers to new skills and of young workers with little formal educational background, involves four steps: (1) an identification of crucial concepts to be learned, (2) an identification of the principal obstacles to understanding, (3) a fashioning of training designs, and (4) a testing of the program with trainees in pilot trials. Four training projects were undertaken in Austria, Sweden, the U.S.A., and the United Kingdom in which groups were trained by the discovery method and compared with control groups trained with traditional methods. In most of the projects, the advantages of the discovery method were shown to be statistically significant. Appended are: (1) comparisons between the two groups of trainees in the British Railway's experiments with the discovery method, (2) the start of three micrometer programs, (3) the discovery program for reading a micrometer, and (4) specimen frames in the Heineman programed text "The Micrometer." (DM)

VT 010 525 ED 042 885
BROWN, WILLIAM J., JR.
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.

NORTH CAROLINA STATE UNIV., RALEIGH. SCHOOL OF EDUCATION.
NORTH CAROLINA RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, RALEIGH.
EDRS PRICE MF-$0.65 HC-$3.25
RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, DIVISION OF RESEARCH, STATE DEPARTMENT OF PUBLIC INSTRUCTION, RALEIGH, NORTH C
PUB DATE - 68 38P.

DESCRIPTORS - BIBLIOGRAPHIES; EVALUATION; *INSERVICE TEACHER EDUCATION; *LEARNING EXPERIENCE; RESOURCE MATERIALS; *RESOURCE UNITS; STATISTICAL ANALYSIS; *STUDENT IMPROVEMENT; TABLES (DATA); *TEACHER IMPROVEMENT

ABSTRACT - THIS 2 X 4 FACTORIAL EXPERIMENT INVOLVED 40 HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE AND THEIR SOPHOMORE STUDENTS. THE PRIMARY PURPOSE WAS TO QUESTION THE EFFECTIVENESS OF PROVIDING INSERVICE TEACHER EDUCATION TO UPGRADE THE SUBJECT MATTER COMPETENCE OF TEACHERS AND FURNISHING THEM WITH RESOURCE UNITS. THE FINDINGS WERE THAT INSERVICE EDUCATION IMPROVED THE SUBJECT MATTER COMPETENCE OF TEACHERS BUT DID NOT HAVE A SIGNIFICANT EFFECT OF STUDENT LEARNING. RESOURCE UNITS WERE FOUND TO BE OF SIGNIFICANT VALUE IN IMPROVING THE SUBJECT MATTER COMPETENCE OF THE TEACHER, BUT HAD LITTLE INFLUENCE ON STUDENT LEARNING. A BIBLIOGRAPHY AND SAMPLE RESOURCE UNIT ARE APPENDED. (BC)

VT 010 554
Birchenall, Joan M.
A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program. Occupational Research Development Monograph No. 1.

New Jersey Occupational Research and Development Branch, Trenton.
MF AVAILABLE IN VT-ERIC SET.
Rutgers-The State University, Curriculum Laboratory, Department of Voc-Tech Education, Building 4103, Kilmer Campus, New Brunswick, New Jersey 08903 ($1.50).
PUB DATE - Nov69 51p.

DESCRIPTORS - *LEARNING; *TASK PERFORMANCE; *STUDENTS; WORK EXPERIENCE; HOSPITALS; BIBLIOGRAPHIC CITATIONS; STATISTICAL ANALYSIS; *PRACTICAL NURSES; *TRAINING TECHNIQUES

ABSTRACT - This study tried to determine whether learning achievement and skill performance were significantly increased by patient-care exposure of the preclinical

student in practical nursing. Students who were given hospital experience during the preclinical phase received significantly higher performance ratings than those students who practiced these skills in the nursing arts laboratory of the school. This study was limited in scope since students were tested only after the second week of the preclinical program and not at the end. The study recommended that additional research be carried out to study the effect of preclinical exposure upon the State Board of Nursing licensing examination scores at the completion of the entire program. A bibliography and student performance evaluation form are appended. (BC)

VT 010 913
Shriver, Edgar L.; Trexler, Robert C.
A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance. Technical Report 66-23.

George Washington Univ., Alexandria, Va. Human Resources Research Office.
Department of the Army, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Dec66 144p.

DESCRIPTORS - *ELECTRONICS; *CONCEPT FORMATION; *CONCEPTUAL SCHEMES; *EQUIPMENT MAINTENANCE; TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - HUMAN RESOURCES RESEARCH OFFICE; HUMRRO

ABSTRACT - This report describes and analyzes ten new concepts of electronics maintenance in terms of their implications for training, manuals, effectiveness and cost. Developed in government agencies, research organizations, and private industry and stemming from a perceived need for change in the conventional approach to electronics maintenance, the concepts are FORECAST, JOBTRAIN, MDS (Maintenance Data System), MAINTRAIN, BAMAGAT, IMC (Integrated Maintenance Concept), SIMS (Symbolic Integrated Maintenance System), ATOMS (Automated Technical Order Maintenance Sequences), FIST (Fault Isolation by Semi-Automatic Techniques), and ADMIRE (Automatic Diagnostic Maintenance Information Retrieval). Conclusions of this study are: (1) Certain elements appear to be common to all concepts even though each differs in technique and format, (2) Markedly improved electronics maintenance performance through use of this common element has been demonstrated in eight tests with Army personnel, dating from 1958 to 1965, and (3) Concepts can be combined in various ways for certain applications or used directly in the situations in which they were tested. The literature cited in each concept is given. (GR)

VT 010 915
Caro, Paul W., And Others
The Captive Helicopter as a Training Device: Experimental Evaluation of a Concept. Technical Report 68-9.

George Washington Univ., Alexandria, Va. Human Resources Research Office.
Department of the Army, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun68 53p.

DESCRIPTORS - *AIRCRAFT PILOTS; *FLIGHT TRAINING; RESEARCH; *TRAINING TECHNIQUES; ARMED FORCES; *SIMULATORS
IDENTIFIERS - HUMAN RESOURCES RESEARCH OFFICE; HUMRRO; *HELICOPTER TRAINING

ABSTRACT - Recent Army emphasis on helicopter operations has increased the need for research on improving rotary wing training. To see whether the synthetic flight training devices that have been useful in fixed wing training programs might prove equally useful in rotary wing training, two experimental groups of 33 Warrant Officer Candidates each were trained in two experimental programs using device training while two control groups received no device training. The results are: (1) The difference in attrition was statistically significant, (2) The experimental groups required 2 hours less flight training to solo, (3) Experimentally trained groups received higher grades than control groups, (4) Trainees who performed well on the experimental training device tended to perform well during subsequent flight training, and (5) Students trained by device instructors with varying levels of flight experience did equally well during subsequent flight training. Conclusions were that use of the synthetic flight training device in helicopter training would result in improved trainee performance early in flight training and in greater proficiency in subsequent helicopter flight training with fewer trainees eliminated from the program. The literature cited in this study is given. (GR)

VT 011 009
Jenkins, W.O., And Others

The Acquisition of Standard English Speech Habits Using Second-Language Techniques: An Experiment in Speech Modification and Generalization in the Verbal Behavior of Prison Inmates. (Summary Report).

Rehabilitation Research Foundation, Elmore, Ala. Draper Correctional Center.
National Inst. of Mental Health (DHEW), Bethesda, Md.
Manpower Administration (DOL), Washington, D.C. Office of Special Manpower Programs.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30Jan70 22p.

DESCRIPTORS - *SPEECH HABITS; STATISTICAL DATA; CONTROL GROUPS; EXPERIMENTAL GROUPS; PRISONERS; *TEACHING TECHNIQUES; *VERBAL LEARNING; *SELF CONCEPT

ABSTRACT - A group of seven prison inmates were trained in standard English usage by second-language techniques. Drills and discussions were employed in the intervention. Their performance was compared with a control group working the prison farm and one attending Manpower Development and Training School. Percentage changes from pretreatment to posttreatment measurement indicate a marked and highly consistent effect of training that generalized on a large scale to other verbal indices and, on a somewhat reduced scale, to self-concept. The complete report is available as ED 042 006 or VT 011 008 (ARM Winter 1970). (JS)

VT 011 015
Finch, Curtis R., And Others
Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.

Pennsylvania State Univ., University Park. Dept. of Vocational Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan70 15p.

DESCRIPTORS - *ELECTRONICS; TRADE AND INDUSTRIAL EDUCATION; COMMUNITY COLLEGES; *TEACHING PROCEDURES; *EDUCATIONAL RESEARCH; *TEACHER PARTICIPATION; *TEACHER RESPONSE
IDENTIFIERS - *ELECTRONICS TROUBLESHOOTING

ABSTRACT - This investigation of electronics teachers' approaches to electronics troubleshooting provides information on instructional content and factors related to the learning of troubleshooting. Eleven postsecondary electronics teachers employed at three community colleges in the Commonwealth of Pennsylvania responded to one general and one specific troubleshooting "problem." Teachers were required to rank order the eight alternatives for each problem on the basis of desirability. The results of the analysis of data by means of the Kendall coefficient of concordance indicated that teachers were applying essentially the same ranking standard. Several approaches were examined more closely to determine teacher agreement. Since an objective ordering of approaches to troubleshooting is not available, this consensual ordering might be useful in establishing curriculum content. (CD)

VT 011 589
Daly, Maurice J.
A Profile of Vocational-Technical Education, Quincy, Massachusetts.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 20p.; Presented to National Association Secondary School Principals (Washington, D.C., Feb. 10, 1970).

DESCRIPTORS - *VOCATIONAL EDUCATION; *EDUCATIONAL INNOVATION; *RELEVANCE (EDUCATION); CONFERENCES; BEHAVIORAL OBJECTIVES; OCCUPATIONAL CLUSTERS; MODELS; CURRICULUM DEVELOPMENT; SYSTEMS APPROACH

ABSTRACT - The Quincy Vocational-Technical School is trying to meet student needs through participation in several innovative projects. Projects such as Project ABLE and ES '70 are concerned with the development of curriculum models and the systems approach as well as with placing emphasis on the learning process. Also at the Quincy school, the personnel are concerned with individualized learning activities for that large majority of students not planning a baccalaureate degree program. The interdisciplinary approach, behavioral analysis, and the use of occupational information are all stressed as useful techniques for making education more relevant to the student. (JS)

VT 011 631 ED 043 739
WAISNER, GARY LEE
TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 104P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; EXPERIMENTAL GROUPS; *INDUSTRIAL ARTS; MOTOR DEVELOPMENT; *PSYCHOMOTOR SKILLS; RESEARCH; *TASK PERFORMANCE; *TRANSFER OF TRAINING

ABSTRACT - A RIVETING OPERATION WAS PRESENTED TO 90 GRADE 7 INDUSTRIAL ARTS STUDENTS THROUGH THE USE OF A SLIDE-TAPE PROGRAM TO COMPARE THE AMOUNT OF TRANSFER FROM THREE LEARNING TASKS TO A TRANSFER TASK AND TO ASCERTAIN THE EFFECT OF DIFFERENT AMOUNTS OF PRACTICE ON TRANSFER. THE STUDENTS WERE RANDOMLY SELECTED AND ALTERNATELY PLACED INTO NINE GROUPS. THE LEARNING TASKS WERE VARIED IN COMPLEXITY FROM EASY TO MODERATE TO DIFFICULT, WHILE THE AMOUNT OF PRACTICE ON THE LEARNING TASK WAS: NO PRACTICE, ONE TRIAL, AND FOUR TRIALS. A COMPLETION TIME SCORE WAS RECORDED FOR EACH STUDENT AND ALSO A QUALITY SCORE AS JUDGED AND RECORDED BY THREE JUDGES. THERE WERE NO STATISTICALLY SIGNIFICANT DIFFERENCES AT THE .05 LEVEL IN GROUP MEAN SCORES REPRESENTING THE AMOUNT OF TRANSFER DUE TO THE INITIAL LEVEL OF COMPLEXITY IN THE LEARNING TASK, DIFFERENT AMOUNTS OF PRACTICE TIME, OR INTERACTION OF PRACTICE TIME AND TASK, NOR IN LEARNING TASK PERFORMANCE DUE TO DIFFERENT AMOUNTS OF PRACTICE OR TO THE INTERACTION OF PRACTICE TIME AND TASK COMPLEXITY. THERE WAS A STATISTICALLY SIGNIFICANT DIFFERENCE IN GROUP MEAN COMPLETION SCORES THAT REPRESENTED THE AMOUNT OF TRANSFER DUE TO THE DIFFERENT AMOUNTS OF PRACTICE TIME. LIMITATIONS, IMPLICATIONS, AND PROBLEMS FOR FURTHER RESEARCH ARE REPORTED. THIS PH.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (GR)

VT 011 632 ED 042 909
GRIFFIN, JAMES F.
RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 120P.

DESCRIPTORS - *ACADEMIC ACHIEVEMENT; BIBLIOGRAPHIES; *COLLEGE GRADUATES; *COMPARATIVE ANALYSIS; DOCTORAL THESES; GRADE POINT AVERAGE; *GRADES (SCHOLASTIC); *INDUSTRIAL ARTS; RELATIONSHIP; STATE COLLEGES; STATISTICAL DATA; TEACHERS COLLEGES

ABSTRACT - THE RELATIONSHIPS OF SELECTED HIGH SCHOOL COURSES TO ACHIEVEMENT IN TECHNICAL AND PROFESSIONAL COURSES IN INDUSTRIAL ARTS TEACHER EDUCATION PROGRAMS WERE STUDIED, WITH PARTICULAR ATTENTION TO STUDENTS OF HIGH, MEDIUM AND LOWER SCHOLASTIC ABILITY. RECORDS OF 273 STUDENTS WHO EARNED DEGREES IN EDUCATION FROM FIVE MISSOURI STATE COLLEGES BETWEEN 1964-1969 WERE EXAMINED AND USED IN THIS STUDY. STUDENTS WERE GROUPED INTO THREE SCHOLASTIC ABILITY GROUPS ON THE BASIS OF RAW SCORES EARNED ON THE OHIO STATE UNIVERSITY PSYCHOLOGICAL EXAMINATION. SOME CONCLUSIONS HAVING SIGNIFICANT RELATIONSHIPS WERE: (1) GRADUATES WHO HAD TAKEN 5-4 UNITS OF HIGH SCHOOL INDUSTRIAL ARTS HAD LOWER GRADE POINT AVERAGES (GPA) THAN THOSE WHO HAD TAKEN FEWER UNITS, (2) MATHEMATICS GPA'S WERE RELATED POSITIVELY WITH HIGH AND MEDIUM ABILITY STUDENTS WHO TOOK TECHNICAL COURSES, (3) MATHEMATICS GPA'S WERE NEGATIVELY RELATED FOR MEDIUM AND LOW SCHOLASTIC ABILITY LEVELS WHILE SCIENCE GPA'S WERE RELATED IN A POSITIVE DIRECTION FOR HIGH AND LOW SCHOLASTIC ABILITY STUDENTS, AND (4) GRADES IN MATHEMATICS AND INDUSTRIAL ARTS RELATED IN A POSITIVE DIRECTION FOR HIGH AND MEDIUM ABILITY GRADUATES AND IN A NEGATIVE DIRECTION FOR LOW SCHOLASTIC ABILITY GRADUATES. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (GR)

VT 011 635 ED 042 057
ROUTH, JERRY DOYLE
THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR MICHIGAN 48106
PUB DATE - 70 244P.

DESCRIPTORS - ACHIEVEMENT RATING; *COLLEGE STUDENTS; *COMPARATIVE ANALYSIS; *PREDICTIVE MEASUREMENT; RECOGNITION; STATISTICAL ANALYSIS; *TEACHING METHODS; *VISUAL LEARNING; VOCATIONAL EDUCATION

ABSTRACT - THIS STUDY SOUGHT TO ASCERTAIN THE EFFECT ON STUDENT BEHAVIOR OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION. THESE APPROACHES INVOLVED VARYING THE SEQUENCE OF MESSAGES TRANSMITTED THROUGH THE VISUAL COMMUNICATIONS CHANNEL AND VARYING THE REDUNDANCY OF MESSAGES PRESENTED THROUGH THIS CHANNEL. THE INVESTIGATION WAS

CONDUCTED AS A FOUR-GROUP CONTROLLED EXPERIMENT WITH DATA COLLECTED FROM 139 COLLEGE STUDENTS. ANALYSIS WAS BASED ON SEVERAL TESTS USING A CONFIDENCE LEVEL OF .05. FINDINGS FAILED TO REVEAL ANY SIGNIFICANT DIFFERENCES AMONG THE MEAN TEST SCORES OF THE GROUPS RECEIVING INFORMATION TRANSMITTED SIMULTANEOUSLY BETWEEN THE PICTORIAL AND NONPICTORIAL CHANNELS AS OPPOSED TO THE GROUPS RECEIVING INFORMATION SEQUENTIALLY BETWEEN THE SAME CHANNELS. HOWEVER, A SIGNIFICANT DIFFERENCE WAS REVEALED AMONG THE SCORES OF GROUPS RECEIVING INFORMATION HIGH IN REDUNDANCY AND THOSE RECEIVING INFORMATION LOW IN REDUNDANCY. A MAJOR CONCLUSION OF THE STUDY WAS THAT INCREASING THE AMOUNT OF REDUNDANCY BETWEEN THE PICTORIAL AND NONPICTORIAL CHANNELS IS AN IMPORTANT FACTOR IN LEARNING AND RETAINING INFORMATION. THE ED.D. DISSERTATION WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (AUTHOR/JS)

VT 011 637 ED 042 058
BLANKENBAKER, E. KEITH
COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 123P.

DESCRIPTORS - *INDUSTRIAL ARTS; *JUNIOR HIGH SCHOOL STUDENTS; *OBJECT MANIPULATION; *PREDICTIVE MEASUREMENT; STATISTICAL ANALYSIS; STUDENT EVALUATION; *TEACHING METHODS; VOCATIONAL EDUCATION

ABSTRACT - THERE ARE SO MANY METHODS AND APPROACHES TO TEACHING THAT IT IS SOMETIMES DIFFICULT TO CHOOSE THE APPROACH BEST SUITED TO THE NEEDS OF THE STUDENTS. THIS STUDY SOUGHT TO ASCERTAIN THE RELATIVE EFFECTIVENESS AND EFFICIENCY OF SELECTED APPROACHES TO THE DEMONSTRATION OF COMPLEX MANIPULATIVE SEQUENCES, AND TO TEST THE THEORY THAT STUDENTS OF HIGH INTELLIGENCE WILL LEARN MANIPULATIVE SEQUENCES MORE RAPIDLY THAN STUDENTS OF LOW INTELLIGENCE. THE METHOD INVOLVED THREE TREATMENTS OF A SUPER 8MM SOUND-COLOR FILM OF A DEMONSTRATION OF VACUUM FORMING, AND THE POPULATION CONSISTED OF 125 SEVENTH AND EIGHTH GRADE BOYS ENROLLED IN THEIR FIRST INDUSTRIAL ARTS COURSE. THREE GROUPS OF STUDENTS VIEWED DIFFERENT TREATMENTS OF THE FILM AND WERE THEN PERMITTED TO PRACTICE THE PROCEDURES. THIS WAS FOLLOWED BY TESTING SESSIONS. AMONG THE CONCLUSIONS WERE: (1) THE ATTITUDE, THE COGNITIVE UNDERSTANDING, AND THE RETENTION OF THIS UNDERSTANDING WILL BE ESSENTIALLY THE SAME WHEN EITHER OF THE THREE TREATMENTS ARE USED AND (2) THE GROUPING OF STUDENTS BASED ON INTELLIGENCE WILL NOT IMPROVE THE STUDENT'S CHANCES OF LEARNING COMPLEX MANIPULATIVE SEQUENCES. (AUTHOR/JS)

VT 011 691 ED 043 748
LOEPP, FRANZIE LEE
THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 264P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; *INDUSTRIAL ARTS; *INTERACTION; *INTERACTION PROCESS ANALYSIS; JUNIOR HIGH SCHOOLS; JUNIOR HIGH SCHOOL STUDENTS; MANAGEMENT SYSTEMS; SECONDARY SCHOOL TEACHERS; *STUDENT TEACHER RELATIONSHIP; *SYSTEMS DEVELOPMENT; TABLES (DATA)

ABSTRACT - THE STUDY SOUGHT TO DEVELOP A RELIABLE CATEGORY SYSTEM FOR USE IN PROVIDING DATA ON TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS, AND TO RECOMMEND FURTHER RESEARCH USING THIS SYSTEM. AS A RESULT OF THE FIRST THREE OF SEVEN OBSERVATION VISITS INVOLVING TEN COLORADO JUNIOR HIGH SCHOOL INDUSTRIAL ARTS TEACHERS, AN INDUSTRIAL ARTS INTERACTION ANALYSIS SYSTEM WAS DEVELOPED. THE NEXT TWO OBSERVATION VISITS WERE USED TO FIELD TEST THE CATEGORY SYSTEM. THE RELIABILITY WAS FOUND TO BE 0.80 OR HIGHER AS DETERMINED THROUGH THE USE OF SCOTT'S COEFFICIENT AND CHECKED BY TWO TRAINED OBSERVERS WITH AGREEMENT BETWEEN THE TWO OBSERVERS. A JURY OF SIX INDUSTRIAL EDUCATION EDUCATORS JUDGED THE SYSTEM TO BE VALID IN RELATION TO THE DESCRIPTION OF THE CATEGORIES. THE SYSTEM WAS FOUND TO BE CAPABLE OF PROVIDING DATA ON THE GENERAL PATTERNS OF TEACHER-STUDENT INTERACTION AND THE PERCENTAGE OF CLASSROOM TIME SPENT IN: (1) VARIOUS RESPONSIBILITIES, (2) ALL FORMS OF TEACHER APPRAISAL, (3) DIRECT AND INDIRECT TEACHER TALK, (4) STUDENT TALK, DIVIDED INTO CATEGORIES, (5) SILENCE, AND (6) CHAOS AND CONFUSION. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 702 ED 042 913
THRASH, JIMMIE FORD

THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - MAY 70 138P.

DESCRIPTORS - ACHIEVEMENT RATING; COMPARATIVE ANALYSIS; *DISTRIBUTIVE EDUCATION; *HIGH SCHOOL STUDENTS; *PREDICTIVE MEASUREMENT; *PROJECT TRAINING METHODS; SAMPLING; STATISTICAL ANALYSIS; *TEACHING METHODS

ABSTRACT - TO JUSTIFY THE USE OF A PARTICULAR TEACHING METHOD IT SHOULD BE FOLLOWED UP WITH A MEASUREMENT OF STUDENT ACHIEVEMENT. THUS, THE PRIMARY OBJECTIVE OF THIS STUDY WAS TO DETERMINE WHETHER THE PROJECT METHOD OF INSTRUCTION IS ACCOMPLISHING ITS TASK OF TRAINING YOUNG MEN AND WOMEN TO ENTER THE WORLD OF WORK WITHOUT THE BENEFIT OF FIRST HAND EXPERIENCE IN AN ON-THE-JOB SITUATION. AN EXHAUSTIVE AND A COMPREHENSIVE ANSWER TO THE QUESTION IMPLIED BY THE OBJECTIVE WAS NOT AVAILABLE, SO THREE SUBJECT CONTENT AREAS WERE USED IN TESTING STUDENTS WHO WERE PREVIOUSLY AND THOSE WHO WERE NOT PREVIOUSLY ENROLLED IN THE PROJECT METHOD OF INSTRUCTION. DIFFERENCES IN THEIR RATE OF ACHIEVEMENT WERE DETERMINED AND ANALYZED USING THE SINGLE AND MULTIPLE CLASSIFICATION OF VARIANCE. ONE MAJOR CONCLUSION REACHED FROM THE STUDY IS THAT THERE IS NO SIGNIFICANT DIFFERENCE IN THE RATE OF ACHIEVEMENT ON THE THREE CONTENT TESTS BETWEEN THE TWO GROUPS OF STUDENTS TESTED. THIS ED.D. DISSERTATION WAS SUBMITTED TO OKLAHOMA STATE UNIVERSITY. (AUTHOR/JS)

VT 011 727 ED 043 754
HUFFMAN, HARRY; GUST, DALE D.
BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.
EDRS PRICE MF-$0.65 HC-$6.58 OEG-0-8-080414-3733(083) 08
BR-8-0414
PUB DATE - JUN 70 192P.

DESCRIPTORS - BUSINESS EDUCATION; DATA ANALYSIS; *MODELS; OFFICE OCCUPATIONS; *OFFICE OCCUPATIONS EDUCATION; *PROGRAM PLANNING; *TASK PERFORMANCE; *TEACHING
IDENTIFIERS - *NEW OFFICE AND BUSINESS EDUCATION LEARNING SYSTEMS; NOBELS

ABSTRACT - TECHNOLOGY IN BUSINESS AND INDUSTRY IS CONTINUALLY CHANGING THE ACTIVITIES PERFORMED IN THE OFFICE. NEW ACTIVITIES ARE EMERGING; OTHERS ARE INCREASING OR DECLINING IN IMPORTANCE. THIS PROJECT WAS CONCERNED WITH IDENTIFYING HIGH-PRIORITY, COMMONLY ACCEPTED ABILITIES WHICH ARE PRESENTLY EMERGING AND INCREASING IN IMPORTANCE IN THE OFFICE AND WITH DEVELOPING GENERAL AND SPECIFIC INSTRUCTION PLANS WHICH WOULD AID BUSINESS AND OFFICE INSTRUCTORS IN PREPARING STUDENTS FOR OFFICE OCCUPATIONS. QUESTIONNAIRE RESPONSES FROM 668 AUTHORITIES CONCERNING THE PREPARED LIST OF 41 OFFICE ACTIVITIES REVEALED FEW SIGNIFICANT DIFFERENCES AMONG ACTIVITIES DECLARED EMERGING OR INCREASING IN IMPORTANCE. A SIMILAR ANALYSIS IDENTIFIED NINE ACTIVITIES APPLICABLE TO ALL LEVELS OF OFFICE PERSONNEL WHICH WERE EMERGING OR INCREASING IN IMPORTANCE. A SECOND GROUP OF SIX EMERGING ACTIVITIES WAS APPLICABLE TO CLERICAL, SUPERVISORY, AND PROFESSIONAL-TECHNICAL PERSONNEL, AND A THIRD GROUP OF 15 EMERGING ACTIVITIES WAS APPLICABLE IN PARTICULAR TO MANAGERS, PROFESSIONAL-TECHNICAL PERSONNEL, AND SUPERVISORS. EIGHTEEN GENERAL INSTRUCTION PLANS AND A MODEL FOR PRODUCING GENERAL AND SPECIFIC INSTRUCTION PLANS WERE DEVELOPED. THIS PROJECT IS A PART OF THE TOTAL PROJECT ENTITLED NEW OFFICE BUSINESS EDUCATION LEARNINGS SYSTEM (NOBELS). (JS)

VT 011 736 ED 042 921
BORCHER, SIDNEY DEAN
EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 228P.

DESCRIPTORS - *COMPARATIVE ANALYSIS; *DEMONSTRATIONS (EDUCATIONAL); *DOCTORAL THESES; EXPERIMENTAL PROGRAMS; EXPERIMENTAL TEACHING; *INSTRUCTION; INSTRUCTIONAL AIDS; TEACHING GUIDES; *VOCATIONAL AGRICULTURE

ABSTRACT - TO EVALUATE THE EFFECTIVENESS OF DEMONSTRATIONS IN VOCATIONAL AGRICULTURE INSTRUCTION, 12 RANDOMLY SELECTED IOWA HIGH SCHOOLS WERE DIVIDED AND USED AS A CONTROL GROUP AND A DEMONSTRATION GROUP. THIRTY-NINE DEMONSTRATIONS WERE USED IN FOUR SUBJECT MATTER AREAS OF THE TEST GROUP, WHILE THE CONTROL GROUP DID NOT HAVE USE OF THE DEMONSTRATIONS. ANALYSIS OF VARIANCE OF PRETEST SCORES REVEALED NO DIFFERENCE BETWEEN

THE STUDENTS IN THEIR PRIOR KNOWLEDGE OF SUBJECT MATTER. ALL ANALYSES COMPARING THE ACHIEVEMENT OF THE VOCATIONAL AGRICULTURE CLASSES WITH AND WITHOUT DEMONSTRATIONS REVEALED NO SIGNIFICANT DIFFERENCES BETWEEN THE TWO TYPES OF INSTRUCTION. HOWEVER, ANALYSIS OF COVARIANCE RESULTED IN THE DEMONSTRATION GROUP'S ADJUSTED MEAN POSTTEST SCORES BEING HIGHER THAN THOSE FOR THE CONTROL GROUP IN ALL FOUR SUBJECT MATTER AREAS. THIS PH.D. DISSERTATION WAS SUBMITTED TO IOWA STATE UNIVERSITY. (AUTHOR/GB)

VT 011 759 ED 043 758
KUWIK, PAUL DAVID
A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 188P.

DESCRIPTORS - *ACHIEVEMENT GAINS; BIBLIOGRAPHIES; *COMPARATIVE ANALYSIS; CONSTRUCTION INDUSTRY; *INDUSTRIAL ARTS; *JUNIOR HIGH SCHOOL STUDENTS; *LEARNING; MANUFACTURING INDUSTRY; MEASUREMENT INSTRUMENTS; RESEARCH; SUCCESS FACTORS; UNITS OF STUDY (SUBJECT FIELDS)

ABSTRACT - THE PURPOSE OF THE STUDY WAS TO DETERMINE WHETHER EXPOSING JUNIOR HIGH SCHOOL STUDENTS TO A UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY AND TO A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY SIGNIFICANTLY AFFECTS THEIR ACHIEVEMENT ON A TEST MEASURING "TECHNOLOGICAL PRINCIPLES OF DESIGN" WHEN COMPARED TO A GROUP OF JUNIOR HIGH SCHOOL STUDENTS EXPOSED ONLY TO A UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY. THE DATA FROM FOUR TREATMENT GROUPS IN THE LONG BEACH UNIFIED SCHOOL DISTRICT IN CALIFORNIA WERE ANALYZED, AND RESULTS INDICATED THAT THERE WAS A SIGNIFICANT AMOUNT OF ADDITIVE KNOWLEDGE WHEN STUDENTS HAD BEEN EXPOSED TO TWO UNITS IN DESIGN, ONE IN CONSTRUCTION TECHNOLOGY AND ONE IN MANUFACTURING TECHNOLOGY, AS OPPOSED TO ONLY ONE EXPOSURE OF CONSTRUCTION TECHNOLOGY. STATISTICAL ANALYSIS ALSO INDICATED A SIGNIFICANT DIFFERENCE BETWEEN THE ACHIEVEMENT SCORES OF THE SEVENTH GRADE CONTROL GROUP AND THE SEVENTH GRADE EXPERIMENTAL GROUP, WITH THE LATTER GROUP ACHIEVING AT A HIGHER LEVEL. THE FINDINGS INDICATE THAT THE TECHNOLOGICAL CONCEPTS AND PRINCIPLES OF DESIGN ARE SIGNIFICANTLY ADDITIVE WHEN A SECOND UNIT (IN MANFACTURING) IS PROVIDED TO BUILD UPON THE CONCEPTS PROVIDED BY A PRIOR DESIGN UNIT (IN CONSTRUCTION). THIS PH.D. THESIS WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (GR)

VT 011 760 ED 042 923
MCVEY, GARY C.
AN EXPERIMENTAL EVALUATION OF THE EFFECTIVENESS OF AN AUDIO-TUTORIAL METHOD IN TEACHING VOCATIONAL AGRICULTURE.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 120P.

DESCRIPTORS - *AUDIOVISUAL AIDS; COMPARATIVE ANALYSIS; *DOCTORAL THESES; EDUCATIONAL EXPERIMENTS; *EVALUATION; EXPERIMENTAL TEACHING; SECONDARY GRADES; TEACHING GUIDES; *TEACHING TECHNIQUES; *VOCATIONAL AGRICULTURE

ABSTRACT - TO DETERMINE THE EFFECTIVENESS OF AN AUDIO-TUTORIAL TECHNIQUE IN VOCATIONAL AGRICULTURE, SIX TREATMENT SCHOOLS AND SIX CONTROL SCHOOLS WERE RANDOMLY SELECTED FROM 48 IOWA HIGH SCHOOLS QUALIFYING FOR PARTICIPATION IN THE STUDY. WHILE EACH SCHOOL WAS PROVIDED THE SAME REFERENCE MATERIAL AND TEACHING OUTLINE FOR THE 14-DAY EXPERIMENTAL PERIOD, THE TREATMENT SCHOOLS WERE PROVIDED AUDIO-TUTORIAL MACHINES AND PROGRAMS OF 20 MINUTES MAXIMUM LENGTH WITH 59 SLIDES OR LESS IN THE FOUR SUBJECT MATTER AREAS OF INSTRUCTION. RESULTS SHOWED NO SIGNIFICANT DIFFERENCES BETWEEN THE AUDIO-TUTORIAL AND THE CONTROL SCHOOLS IN MAGNITUDE OF CHANGE IN KNOWLEDGE FOR EACH OF THE FOUR CLASS LEVEL COMPARISONS. STATISTICAL TECHNIQUES TO ADJUST FOR DIFFERENCES IN MEAN SCORES RESULTED IN A SIGNIFICANT VALUE FOR THE AUDIO-TUTORIAL TECHNIQUE EFFECTIVENESS IN TEACHING FARM CREDIT. THE AUDIO-TUTORIAL TECHNIQUE WAS AS EFFECTIVE AS THE CONTROL TECHNIQUE IN TEACHING ANIMAL HEALTH, COMMERICIAL FERTILIZER, AND SMALL GASOLINE ENGINES. THIS PH.D. DISSERTATION WAS SUBMITTED TO IOWA STATE UNIVERSITY. (GB)

OTHER
RESOURCES
SECTION

VT 010 502
Survey of Vocational Education and Training.

Dominion Bureau of Statistics, Ottawa (Ontario). Vocational Training Section.
MF AVAILABLE IN VT-ERIC SET.
The Queen's Printer, Ottawa, Canada ($1.00).
PUB DATE - Sep69 89p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *NATIONAL SURVEYS; *POST SECONDARY EDUCATION; *SECONDARY EDUCATION; INSTITUTIONAL SCHOOLS; PRIVATE SCHOOLS; PUBLIC SCHOOL SYSTEMS; EDUCATIONAL PROGRAMS; FEDERAL AID; FEDERAL PROGRAMS; TEACHER EDUCATION
IDENTIFIERS - *CANADA

ABSTRACT - Statistical data from monthly and quarterly reports to the Director of Education concerning vocational education and training in Canada as it is carried out in public and privately-owned institutions are summarized. Content, written in both English and French, includes federal participation and a summary of programs in: (1) institutes of technology, (2) technical, vocational, and composite high schools, (3) trade schools and vocational centers, (4) apprenticeship training, (5) vocational teacher education, (6) private schools, (7) nursing, and (8) the Labour College of Canada. Questionnaires used to gather the data are appended. Two previous surveys are available as VT 005 764 (ARM Winter 1969) and VT 007 339 (ARM Fall 1970). (SB)

VT 011 725 ED 043 753
MADDOX, MARION E.
AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.

ARKANSAS STATE DEPT. OF EDUCATION, LITTLE ROCK. DIV. OF VOCATIONAL EDUCATION.
ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF VOCATIONAL EDUCATION.
ARKANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, FAYETTEVILLE.
EDRS PRICE MF-$0.65 HC-$3.29
PUB DATE - [69] 23P.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; EDUCATIONAL NEEDS; *MANPOWER NEEDS; OCCUPATIONAL INFORMATION; *OCCUPATIONAL SURVEYS; RESEARCH COORDINATING UNITS; *RESOURCE MATERIALS; TRAINING; *VOCATIONAL EDUCATION
IDENTIFIERS - ARKANSAS

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY PRESENTS OVER 90 PERIODICAL ARTICLES, COMMERCIAL PUBLICATIONS, AND GOVERNMENT PUBLICATIONS, RANGING IN DATE FROM 1928 TO 1969, AND IS CONCERNED WITH PLANNING, ORGANIZING AND CONDUCTING OCCUPATIONAL SURVEYS TO DETERMINE TRAINING AND MANPOWER NEEDS. TEACHER EDUCATORS, STATE VOCATIONAL STAFFS, EMPLOYMENT SECURITY PERSONNEL, AND LOCAL OCCUPATIONAL TEACHERS AND COUNSELORS SHOULD FIND THIS DOCUMENT USEFUL IN THEIR VARIOUS POSITIONS. LISTINGS ARE ARRANGED ALPHABETICALLY BY AUTHOR AND DETAILS OTHER DOCUMENT INFORMATION INCLUDING THE TITLE, DATE, PAGE LISTING, AND THE CONTENT BY MEANS OF THE ANNOTATION. (JS)

VT 011 728 ED 042 919
KINTGEN, JEAN
INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$3.29
THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 1900 KENNY ROAD, COLUMBUS, OHIO 43210
PUB DATE - SEP 70 29P.

DESCRIPTORS - *ARTICULATION (PROGRAM); *BIBLIOGRAPHIES; CONFERENCE REPORTS; *HEALTH EDUCATION; *HEALTH OCCUPATIONS EDUCATION; PROGRAM DESCRIPTIONS; PROGRAM GUIDES; *RESEARCH REVIEWS (PUBLICATIONS); SPEECHES
IDENTIFIERS - CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION

ABSTRACT - THIS REVIEW AND ANALYSIS OF LITERATURE CONCERNING CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION SHOULD AID RESEARCHERS AND PRACTITIONERS IN ASSESSING THE CURRENT "STATE OF THE ART" IN THE FIELD. USING THE RESOURCES OF THE ERIC CLEARINGHOUSE ON VOCATIONAL AND TECHNICAL EDUCATION, A COMPUTER AND MANUAL SEARCH OF DOCUMENTS DATING BACK TO 1966 YIELDED A BIBLIOGRAPHY OF 56 ENTRIES INTENDED TO AID INDIVIDUALS IN DEVELOPING PROGRAMS AND/OR DOING RESEARCH. THE DOCUMENTS INCLUDE CONTENT

DIRECTLY RELATED TO THE LADDER OR LATTICE CONCEPTS AND ARE PRESENTED UNDER THE FOLLOWING HEADINGS: (1) CONFERENCE REPORTS, (2) CURRICULUM DEVELOPMENT STUDIES, (3) PAPERS AND SPEECHES, (4) PROGRAM DESCRIPTIONS AND EVALUATIONS, (5) PROGRAM GUIDES (NEW CAREER CONCEPTS), AND (6) OTHER. BIBLIOGRAPHIC INFORMATION INCLUDES THE AUTHOR, NAME OF DOCUMENT, AND THE SOURCE OF DOCUMENT. (JS)

VT 011 758
Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).

Wisconsin Univ., Madison. Dept. of Rural Sociology.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15Apr70 16p.

DESCRIPTORS - *BIBLIOGRAPHIES; ANNOTATED BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; RESEARCHERS; *RATING SCALES; *OCCUPATIONAL ASPIRATION; SOCIOECONOMIC INFLUENCES
IDENTIFIERS - WISCONSIN UNIVERSITY

ABSTRACT - This bibliography presents 60 citations of research work incorporating the Occupational Aspiration Scale (OAS) and has been compiled primarily on the basis of information provided by educators using the OAS. Listings are arranged alphabetically by author and include completed reports dating back to 1960 as well as incomplete reports with completion dates up to 1971. The bibliography is organized in three sections: the first presenting citations of completed works; the second listing studies which are completed, but for which relevant citation material is lacking; and the third listing research in process. Listings include the author, the name of the study, the date, and usually an annotation. (AUTHOR/JS)

VT 011 600 ED 043 762
JACKSON, DOROTHY G., ED.
RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.

SOCIAL AND REHABILITATION SERVICE (DHEW), WASHINGTON, D.C. OFFICE OF RESEARCH, DEMONSTRATIONS, AND TRAINING.
EDRS PRICE MF-$0.65 HC-$9.87
PUB DATE - 70 268P.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *DEMONSTRATION PROJECTS; DISADVANTAGED GROUPS; INDEXES (LOCATERS); MENTALLY HANDICAPPED; PHYSICALLY HANDICAPPED; PROGRAM ADMINISTRATION; *RESEARCH PROJECTS; SELF HELP PROGRAMS; *VOCATIONAL REHABILITATION

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY OF 1,997 PROJECTS DATED FROM 1955-1969 AND ADMINISTERED BY BRANCHES OF THE SOCIAL AND REHABILITATION SERVICE IS DIVIDED INTO FOUR PARTS: (1) RESEARCH AND DEMONSTRATION PROJECTS WHICH WERE AUTHORIZED BY THE 1954 AMENDMENTS OF THE VOCATIONAL REHABILITATION ACT, LISTED UNDER 22 SUBJECT HEADINGS, (2) COOPERATIVE RESEARCH OR DEMONSTRATION PROJECTS, WHICH WERE AUTHORIZED IN 1956 BY SECTION 1110, TITLE XI, OF THE SOCIAL SECURITY ACT, AS AMENDED, (3) DEMONSTRATION PROJECTS IN PUBLIC ASSISTANCE, WHICH WERE AUTHORIZED IN 1963 BY SECTION 1115 OF THE SOCIAL SECURITY ACT, (4) RESEARCH AND TRAINING CENTERS, WHICH BEGAN IN 1961 AS PART OF THE VOCATIONAL REHABILITATION ACT. EXCEPT FOR A FEW CASES, ALL PROJECT LISTINGS CONTAIN PROJECT NUMBER, TITLE OF FINAL REPORT IF AVAILABLE OR PROJECT TITLE IF NOT AVAILABLE, GRANTEE'S NAME AND ADDRESS, PROJECT DIRECTOR'S NAME, AND ANNOTATION WITH KEY WORDS ITALICIZED. NUMERICAL AND SUBJECT INDEXES ARE ALSO INCLUDED. (SB)

VT 011 863 ED 043 771
INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.

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DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; BIBLIOGRAPHIES; BOOKLISTS; *INDUSTRIAL ARTS; INDUSTRIAL EDUCATION; INDUSTRIAL TECHNOLOGY; LIBRARY ACQUISITION; *LIBRARY MATERIAL SELECTION; RESEARCH REVIEWS (PUBLICATIONS)

ABSTRACT - THIS COMPILATION IS DESIGNED TO ASSIST LIBRARIANS IN SELECTING BOOKS FOR SUPPLEMENTING THE EXPANDING PROGRAM OF INDUSTRIAL ARTS EDUCATION. THE BOOKS WERE SELECTED FOR THE MAJOR SUBJECT AREAS OF A BROAD INDUSTRIAL ARTS PROGRAM, ON THE BASIS OF REFLECTED INTEREST OF STUDENTS, CONTENT, FORMAT, AND READABILITY. THE FORMAT AND CODING USED IN THE BIBLIOGRAPHY ARE DESIGNED TO GIVE MAXIMUM ASSISTANCE TO LIBRARIANS

AND TEACHERS, PRESENTING BIBLIOGRAPHIC INFORMATION, READER INTEREST LEVEL, SUGGESTED ACQUISITION PRIORITY, PUBLISHER DATA, AND THE QUOTED PRICE. LISTINGS ARE ARRANGED ALPHABETICALLY BY AUTHOR IN THE SUBJECT GROUPINGS OF: (1) CERAMICS, (2) ELECTRICITY/ELECTRONICS, (3) FIBERS, (4) GRAPHICS, (5) METALS, (6) PLANNING/DESIGN, (7) PLASTICS, (8) POWER/TRANSPORTATION, INCLUDING AEROSPACE, AUTOMOTIVE, BOATING, ENGINES AND POWER, AND RAILROADING, (9) WOODS, AND (10) GENERAL. A PUBLISHERS ADDRESS LIST IS GIVEN. (GR)

VT 012 444 ED 045 857
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Office of Education (DHEW), Washington, D.C.
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DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION; INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESEARCH MATERIALS

ABSTRACT - This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Facilities and Equipment, (6) Individuals with Special Needs, (7) Philosophy and Objectives, (8) Research Design, Development and Utilization, (9) Students, Occupational Guidance and Other Student Personnel Services, (10) Teachers and Teacher Education, (11) Teaching and Learning, and (12) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 011 733). (CD)

VT 012 484 ED 045 860
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Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Office of Education (DHEW), Washington, D.C.
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DESCRIPTORS - *INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS; *ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION

ABSTRACT - Documents announced with VT numbers only in the Fall 1970 issue (VT 012 444) of "Abstracts of Research and Related Materials in Vocational and Technical Education" (ARM) are included in this microfiche set. Microfiche availability for these documents is shown on the ARM resume as MF AVAILABLE IN VT-ERIC SET. The microfiche set is arranged in the following sequence: (1) a Vocational Technical (VT) number index to documents in the microfiche collection, (2) the author index, the vocational and supporting services index, and the subject index from ARM, and (3) the full text of documents listed in the VT number index. The texts are filmed continuously in VT number sequence. (CD)

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VT 010 602	ED 037 569	VT 010 918	ED 039 343	VT 011 190	ED 040 290
VT 010 603	ED 037 570	VT 010 937	ED 039 344	VT 011 192	ED 041 117
VT 010 604	ED 038 512	VT 010 940	ED 041 111	VT 011 193	ED 043 734
VT 010 606	ED 037 571	VT 010 942	ED 042 003	VT 011 194	ED 041 118
VT 010 624	ED 037 573	VT 010 950	ED 039 345	VT 011 209	ED 042 012
VT 010 625	ED 037 574	VT 010 973	ED 038 544	VT 011 222	ED 041 119
VT 010 650	ED 042 887	VT 010 976	ED 039 347	VT 011 228	ED 041 120
VT 010 651	ED 037 575	VT 010 979	ED 042 891	VT 011 229	ED 040 292
VT 010 657	ED 041 110	VT 010 980	ED 039 348	VT 011 235	ED 041 121
VT 010 659	ED 038 513	VT 010 981	ED 039 349	VT 011 240	ED 041 122
VT 010 663	ED 037 576	VT 010 985	ED 039 350	VT 011 241	ED 040 293
VT 010 673	ED 037 577	VT 010 994	ED 043 730	VT 011 245	ED 040 294
VT 010 674	ED 038 514	VT 011 002	ED 042 005	VT 011 247	ED 041 123
VT 010 678	ED 039 329	VT 011 004	ED 042 892	VT 011 260	ED 042 013
VT 010 679	ED 038 516	VT 011 005	ED 040 277	VT 011 265	ED 041 124
VT 010 680	ED 038 517	VT 011 007	ED 039 351	VT 011 269	ED 041 126
VT 010 681	ED 038 518	VT 011 008	ED 042 006	VT 011 276	ED 040 295
VT 010 704	ED 039 330	VT 011 013	ED 039 352	VT 011 277	ED 040 296
VT 010 708	ED 039 331	VT 011 020	ED 039 353	VT 011 278	ED 042 014
VT 010 712	ED 042 888	VT 011 021	ED 039 354	VT 011 288	ED 042 015
VT 010 721	ED 038 519	VT 011 023	ED 039 355	VT 011 289	ED 042 016
VT 010 722	ED 038 520	VT 011 028	ED 042 007	VT 011 297	ED 042 895

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VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 011 300	ED 041 127	VT 011 462	ED 042 033	VT 011 707	ED 042 915
VT 011 302	ED 041 129	VT 011 463	ED 041 156	VT 011 708	ED 042 916
VT 011 303	ED 042 017	VT 011 469	ED 042 903	VT 011 724	ED 042 918
VT 011 304	ED 041 130	VT 011 473	ED 043 738	VT 011 725	ED 043 753
VT 011 305	ED 042 018	VT 011 474	ED 042 904	VT 011 727	ED 043 754
VT 011 306	ED 042 019	VT 011 475	ED 042 905	VT 011 728	ED 042 919
VT 011 307	ED 041 131	VT 011 476	ED 042 906	VT 011 729	ED 042 059
VT 011 308	ED 041 132	VT 011 481	ED 041 157	VT 011 733	ED 042 060
VT 011 309	ED 041 133	VT 011 482	ED 041 158	VT 011 734	ED 043 755
VT 011 324	ED 041 134	VT 011 483	ED 042 034	VT 011 736	ED 042 921
VT 011 327	ED 041 135	VT 011 484	ED 042 035	VT 011 745	ED 043 756
VT 011 328	ED 043 735	VT 011 509	ED 042 036	VT 011 749	ED 043 757
VT 011 331	ED 041 136	VT 011 514	ED 042 037	VT 011 757	ED 042 922
VT 011 333	ED 042 896	VT 011 515	ED 042 038	VT 011 759	ED 043 758
VT 011 335	ED 042 020	VT 011 516	ED 042 039	VT 011 760	ED 042 923
VT 011 338	ED 041 137	VT 011 525	ED 041 167	VT 011 766	ED 042 926
VT 011 346	ED 041 138	VT 011 534	ED 041 176	VT 011 771	ED 042 927
VT 011 347	ED 041 139	VT 011 535	ED 042 040	VT 011 773	ED 042 928
VT 011 348	ED 040 297	VT 011 536	ED 042 041	VT 011 780	ED 043 759
VT 011 349	ED 040 298	VT 011 537	ED 042 042	VT 011 792	ED 043 760
VT 011 350	ED 040 299	VT 011 539	ED 042 907	VT 011 800	ED 043 762
VT 011 356	ED 040 301	VT 011 540	ED 042 908	VT 011 817	ED 043 763
VT 011 361	ED 041 141	VT 011 542	ED 042 043	VT 011 826	ED 043 764
VT 011 362	ED 041 142	VT 011 558	ED 042 044	VT 011 830	ED 042 929
VT 011 369	ED 042 021	VT 011 559	ED 042 045	VT 011 831	ED 043 765
VT 011 370	ED 042 022	VT 011 560	ED 042 046	VT 011 836	ED 043 766
VT 011 371	ED 042 023	VT 011 571	ED 042 047	VT 011 848	ED 043 767
VT 011 380	ED 041 143	VT 011 577	ED 042 048	VT 011 849	ED 043 768
VT 011 381	ED 040 302	VT 011 578	ED 042 049	VT 011 851	ED 043 769
VT 011 388	ED 042 024	VT 011 582	ED 042 050	VT 011 859	ED 043 770
VT 011 393	ED 042 025	VT 011 600	ED 042 053	VT 011 863	ED 043 771
VT 011 395	ED 041 144	VT 011 614	ED 042 054	VT 011 875	ED 043 772
VT 011 397	ED 042 026	VT 011 630	ED 042 055	VT 011 879	ED 043 773
VT 011 398	ED 041 145	VT 011 631	ED 043 739	VT 011 894	ED 043 774
VT 011 400	ED 042 897	VT 011 632	ED 042 909	VT 011 910	ED 043 775
VT 011 401	ED 042 898	VT 011 633	ED 042 056	VT 011 927	ED 043 776
VT 011 402	ED 042 027	VT 011 634	ED 043 740	VT 011 934	ED 043 777
VT 011 403	ED 042 899	VT 011 635	ED 042 057	VT 011 942	ED 043 779
VT 011 404	ED 042 900	VT 011 637	ED 042 058	VT 011 943	ED 043 780
VT 011 405	ED 042 028	VT 011 640	ED 042 910	VT 011 962	ED 043 782
VT 011 419	ED 042 030	VT 011 683	ED 043 741	VT 011 964	ED 043 784
VT 011 424	ED 042 031	VT 011 684	ED 043 742	VT 011 965	ED 043 785
VT 011 425	ED 041 146	VT 011 685	ED 043 743	VT 011 966	ED 043 786
VT 011 426	ED 041 147	VT 011 687	ED 043 745	VT 012 444	ED 045 857
VT 011 427	ED 041 148	VT 011 688	ED 043 746	VT 012 484	ED 045 860
VT 011 428	ED 041 149	VT 011 689	ED 043 747		
VT 011 429	ED 041 150	VT 011 690	ED 042 911		
VT 011 430	ED 041 151	VT 011 691	ED 043 748		
VT 011 433	ED 042 901	VT 011 693	ED 042 912		
VT 011 438	ED 042 032	VT 011 700	ED 043 749		
VT 011 439	ED 043 736	VT 011 701	ED 043 750		
VT 011 440	ED 041 154	VT 011 702	ED 042 913		
VT 011 444	ED 042 902	VT 011 703	ED 042 914		
VT 011 451	ED 043 737	VT 011 705	ED 043 751		
VT 011 454	ED 041 155	VT 011 706	ED 043 752		

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ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

MP 000 137	VT 002 717	ED 030 722	VT 008 547	ED 032 393	VT 008 146
MP 000 610	VT 006 952	ED 030 723	VT 008 579	ED 032 394	VT 008 177
MP 000 705	VT 007 108	ED 030 724	VT 008 592	ED 032 395	VT 008 303
ED 023 896	VT 007 154	ED 030 725	VT 008 593	ED 032 397	VT 008 596
ED 024 825	VT 007 476	ED 030 726	VT 008 607	ED 032 398	VT 008 727
ED 025 609	VT 006 275	ED 030 729	VT 008 647	ED 032 399	VT 008 728
ED 025 611	VT 006 277	ED 030 731	VT 008 693	ED 032 400	VT 008 729
ED 025 632	VT 007 147	ED 030 736	VT 008 735	ED 032 401	VT 008 730
ED 025 654	VT 007 555	ED 030 737	VT 008 736	ED 032 402	VT 008 753
ED 025 658	VT 007 582	ED 030 738	VT 008 738	ED 032 403	VT 008 769
ED 025 672	VT 007 676	ED 030 743	VT 008 770	ED 032 405	VT 008 776
ED 025 673	VT 007 677	ED 030 746	VT 008 798	ED 032 406	VT 008 777
ED 025 679	VT 007 790	ED 030 747	VT 008 804	ED 032 407	VT 008 854
ED 026 517	VT 007 547	ED 030 750	VT 008 830	ED 032 410	VT 008 899
ED 026 531	VT 007 776	ED 030 751	VT 008 831	ED 032 413	VT 008 951
ED 026 541	VT 007 883	ED 030 752	VT 008 832	ED 032 414	VT 008 971
ED 026 542	VT 007 887	ED 030 753	VT 008 833	ED 032 415	VT 009 019
ED 027 388	VT 007 315	ED 030 756	VT 008 860	ED 032 419	VT 009 154
ED 027 397	VT 007 663	ED 030 757	VT 008 874	ED 032 420	VT 009 190
ED 027 425	VT 007 931	ED 030 759	VT 008 902	ED 032 421	VT 009 198
ED 027 433	VT 007 988	ED 030 760	VT 008 921	ED 032 424	VT 009 248
ED 028 288	VT 008 082	ED 030 761	VT 008 929	ED 032 426	VT 009 263
ED 028 292	VT 008 127	ED 030 762	VT 008 952	ED 032 427	VT 009 265
ED 028 294	VT 008 150	ED 030 763	VT 008 953	ED 032 429	VT 009 346
ED 028 297	VT 008 173	ED 030 764	VT 008 968	ED 032 430	VT 009 347
ED 028 298	VT 008 183	ED 030 765	VT 008 970	ED 032 431	VT 009 348
ED 028 306	VT 008 451	ED 030 766	VT 008 974	ED 033 188	VT 007 560
ED 029 103	VT 007 797	ED 030 767	VT 008 976	ED 033 196	VT 008 635
ED 029 106	VT 007 831	ED 030 768	VT 008 982	ED 033 197	VT 008 718
ED 029 112	VT 008 008	ED 031 562	VT 008 185	ED 033 199	VT 008 930
ED 029 116	VT 008 051	ED 031 566	VT 008 576	ED 033 200	VT 009 075
ED 029 121	VT 008 129	ED 031 568	VT 008 609	ED 033 201	VT 009 082
ED 029 122	VT 008 138	ED 031 569	VT 008 707	ED 033 202	VT 009 126
ED 029 123	VT 008 171	ED 031 570	VT 008 719	ED 033 203	VT 009 127
ED 029 124	VT 008 182	ED 031 572	VT 008 787	ED 033 204	VT 009 159
ED 029 126	VT 008 198	ED 031 574	VT 008 844	ED 033 209	VT 009 196
ED 029 130	VT 008 222	ED 031 577	VT 008 850	ED 033 213	VT 009 247
ED 029 134	VT 008 280	ED 031 578	VT 008 863	ED 033 215	VT 009 285
ED 029 147	VT 008 429	ED 031 579	VT 008 906	ED 033 216	VT 009 286
ED 029 148	VT 008 433	ED 031 580	VT 008 926	ED 033 218	VT 009 355
ED 029 149	VT 008 458	ED 031 583	VT 008 980	ED 033 219	VT 009 356
ED 029 956	VT 007 881	ED 031 585	VT 008 996	ED 033 220	VT 009 387
ED 029 964	VT 008 273	ED 031 588	VT 009 016	ED 033 220	VT 009 387
ED 029 970	VT 008 438	ED 031 589	VT 009 017	ED 033 221	VT 009 388
ED 029 976	VT 008 513	ED 031 593	VT 009 057	ED 033 222	VT 009 391
ED 029 977	VT 008 544	ED 031 595	VT 009 086	ED 033 223	VT 009 414
ED 029 978	VT 008 554	ED 031 596	VT 009 087	ED 033 224	VT 009 426
ED 029 981	VT 008 580	ED 031 600	VT 009 158	ED 033 225	VT 009 474
ED 029 989	VT 008 600	ED 031 601	VT 009 185	ED 033 230	VT 009 489
ED 029 990	VT 008 601	ED 031 602	VT 009 188	ED 033 233	VT 009 495
ED 029 993	VT 008 631	ED 031 603	VT 009 192	ED 033 239	VT 009 574
ED 029 994	VT 008 632	ED 031 604	VT 009 280	ED 033 240	VT 009 575
ED 030 716	VT 008 444	ED 032 073	VT 008 947	ED 033 241	VT 009 581
ED 030 717	VT 008 511	ED 032 390	VT 007 211	ED 033 242	VT 009 584
ED 030 718	VT 008 512	ED 032 392	VT 008 091	ED 033 243	VT 009 586

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ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 033 244	VT 009 589	ED 035 756	VT 010 164	ED 037 562	VT 010 495
ED 033 245	VT 009 612	ED 035 758	VT 010 187	ED 037 563	VT 010 496
ED 033 246	VT 009 618	ED 035 761	VT 010 205	ED 037 564	VT 010 497
ED 034 019	VT 007 747	ED 035 764	VT 010 238	ED 037 565	VT 010 504
ED 034 027	VT 009 533	ED 035 765	VT 010 239	ED 037 567	VT 010 595
ED 034 028	VT 009 541	ED 035 769	VT 010 280	ED 037 568	VT 010 597
ED 034 030	VT 009 549	ED 035 771	VT 010 286	ED 037 569	VT 010 602
ED 034 031	VT 009 552	ED 035 773	VT 010 311	ED 037 570	VT 010 603
ED 034 034	VT 009 579	ED 035 788	VT 006 285	ED 037 571	VT 010 606
ED 034 035	VT 009 580	ED 036 613	VT 007 920	ED 037 573	VT 010 624
ED 034 048	VT 009 680	ED 036 616	VT 008 750	ED 037 574	VT 010 625
ED 034 049	VT 009 682	ED 036 618	VT 008 868	ED 037 575	VT 010 651
ED 034 050	VT 009 684	ED 036 622	VT 009 908	ED 037 576	VT 010 663
ED 034 051	VT 009 685	ED 036 624	VT 009 978	ED 037 577	VT 010 673
ED 034 052	VT 009 687	ED 036 626	VT 010 036	ED 037 579	VT 010 731
ED 034 053	VT 009 688	ED 036 627	VT 010 060	ED 037 581	VT 010 752
ED 034 054	VT 009 689	ED 036 628	VT 010 117	ED 037 583	VT 010 768
ED 034 057	VT 009 694	ED 036 631	VT 010 261	ED 038 488	VT 004 667
ED 034 058	VT 009 695	ED 036 633	VT 010 283	ED 038 489	VT 008 538
ED 034 063	VT 009 769	ED 036 634	VT 010 284	ED 038 490	VT 008 539
ED 034 064	VT 009 770	ED 036 636	VT 010 300	ED 038 491	VT 009 799
ED 034 066	VT 009 788	ED 036 646	VT 010 377	ED 038 492	VT 009 865
ED 034 069	VT 009 793	ED 036 647	VT 010 398	ED 038 493	VT 009 893
ED 034 070	VT 009 794	ED 036 648	VT 010 400	ED 038 494	VT 009 903
ED 034 073	VT 009 815	ED 036 650	VT 010 402	ED 038 495	VT 009 904
ED 034 842	VT 009 507	ED 036 653	VT 010 428	ED 038 497	VT 010 079
ED 034 853	VT 009 797	ED 036 655	VT 010 437	ED 038 498	VT 010 125
ED 034 856	VT 009 813	ED 036 656	VT 010 460	ED 038 499	VT 010 192
ED 034 859	VT 009 822	ED 037 522	VT 007 662	ED 038 500	VT 010 260
ED 034 860	VT 009 826	ED 037 523	VT 009 457	ED 038 501	VT 010 277
ED 034 861	VT 009 830	ED 037 524	VT 009 825	ED 038 502	VT 010 291
ED 034 862	VT 009 835	ED 037 525	VT 009 906	ED 038 504	VT 010 383
ED 034 866	VT 009 846	ED 037 526	VT 009 907	ED 038 508	VT 010 541
ED 034 867	VT 009 847	ED 037 534	VT 009 988	ED 038 509	VT 010 556
ED 034 869	VT 009 901	ED 037 536	VT 010 042	ED 038 510	VT 010 585
ED 034 873	VT 009 912	ED 037 537	VT 010 080	ED 038 511	VT 010 598
ED 034 875	VT 009 927	ED 037 538	VT 010 112	ED 038 512	VT 010 604
ED 034 879	VT 009 935	ED 037 539	VT 010 118	ED 038 513	VT 010 659
ED 034 886	VT 009 990	ED 037 540	VT 010 163	ED 038 514	VT 010 674
ED 034 887	VT 009 992	ED 037 541	VT 010 171	ED 038 516	VT 010 679
ED 034 899	VT 010 148	ED 037 542	VT 010 173	ED 038 517	VT 010 680
ED 034 901	VT 010 166	ED 037 543	VT 010 175	ED 038 518	VT 010 681
ED 034 902	VT 010 169	ED 037 544	VT 010 183	ED 038 519	VT 010 721
ED 035 715	VT 002 431	ED 037 545	VT 010 184	ED 038 520	VT 010 722
ED 035 716	VT 009 578	ED 037 546	VT 010 185	ED 038 521	VT 010 732
ED 035 723	VT 009 841	ED 037 547	VT 010 194	ED 038 522	VT 010 733
ED 035 727	VT 009 917	ED 037 548	VT 010 203	ED 038 523	VT 010 735
ED 035 728	VT 009 918	ED 037 549	VT 010 212	ED 038 524	VT 010 750
ED 035 729	VT 009 920	ED 037 550	VT 010 228	ED 038 526	VT 010 760
ED 035 730	VT 009 921	ED 037 551	VT 010 240	ED 038 529	VT 010 800
ED 035 731	VT 009 933	ED 037 552	VT 010 272	ED 038 530	VT 010 802
ED 035 735	VT 010 022	ED 037 553	VT 010 285	ED 038 531	VT 010 803
ED 035 736	VT 010 023	ED 037 558	VT 010 325	ED 038 533	VT 010 858
ED 035 740	VT 010 084	ED 037 559	VT 010 338	ED 038 534	VT 010 871
ED 035 745	VT 010 137	ED 037 561	VT 010 475	ED 038 535	VT 010 872

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ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 038 536	VT 010 873	ED 040 267	VT 008 466	ED 041 124	VT 011 265
ED 038 537	VT 010 876	ED 040 268	VT 008 889	ED 041 126	VT 011 269
ED 038 540	VT 010 882	ED 040 269	VT 009 763	ED 041 127	VT 011 300
ED 038 541	VT 010 883	ED 040 270	VT 009 768	ED 041 129	VT 011 302
ED 038 542	VT 010 893	ED 040 271	VT 010 332	ED 041 130	VT 011 304
ED 038 543	VT 010 916	ED 040 272	VT 010 586	ED 041 131	VT 011 307
ED 038 544	VT 010 973	ED 040 273	VT 010 761	ED 041 132	VT 011 308
ED 039 312	VT 007 805	ED 040 274	VT 010 859	ED 041 133	VT 011 309
ED 039 313	VT 007 971	ED 040 275	VT 010 881	ED 041 134	VT 011 324
ED 039 316	VT 008 815	ED 040 277	VT 011 005	ED 041 135	VT 011 327
ED 039 317	VT 009 399	ED 040 278	VT 011 075	ED 041 136	VT 011 331
ED 039 318	VT 009 408	ED 040 279	VT 011 079	ED 041 137	VT 011 338
ED 039 319	VT 009 655	ED 040 280	VT 011 085	ED 041 138	VT 011 346
ED 039 320	VT 009 836	ED 040 281	VT 011 106	ED 041 139	VT 011 347
ED 039 321	VT 009 998	ED 040 282	VT 011 110	ED 041 141	VT 011 361
ED 039 322	VT 010 262	ED 040 283	VT 011 135	ED 041 142	VT 011 362
ED 039 323	VT 010 349	ED 040 284	VT 011 157	ED 041 143	VT 011 380
ED 039 325	VT 010 560	ED 040 286	VT 011 182	ED 041 144	VT 011 395
ED 039 326	VT 010 561	ED 040 287	VT 011 183	ED 041 145	VT 011 398
ED 039 327	VT 010 562	ED 040 288	VT 011 185	ED 041 146	VT 011 425
ED 039 328	VT 010 588	ED 040 289	VT 011 187	ED 041 147	VT 011 426
ED 039 329	VT 010 678	ED 040 290	VT 011 190	ED 041 148	VT 011 427
ED 039 330	VT 010 704	ED 040 292	VT 011 229	ED 041 149	VT 011 428
ED 039 331	VT 010 708	ED 040 293	VT 011 241	ED 041 150	VT 011 429
ED 039 333	VT 010 758	ED 040 294	VT 011 245	ED 041 151	VT 011 430
ED 039 334	VT 010 806	ED 040 295	VT 011 276	ED 041 154	VT 011 440
ED 039 336	VT 010 860	ED 040 296	VT 011 277	ED 041 155	VT 011 454
ED 039 337	VT 010 861	ED 040 297	VT 011 348	ED 041 156	VT 011 463
ED 039 338	VT 010 869	ED 040 298	VT 011 349	ED 041 157	VT 011 481
ED 039 340	VT 010 875	ED 040 299	VT 011 350	ED 041 158	VT 011 482
ED 039 341	VT 010 877	ED 040 301	VT 011 356	ED 041 167	VT 011 525
ED 039 342	VT 010 902	ED 040 302	VT 011 381	ED 041 176	VT 011 534
ED 039 343	VT 010 918	ED 041 100	VT 008 022	ED 041 999	VT 009 888
ED 039 344	VT 010 937	ED 041 101	VT 008 900	ED 042 001	VT 010 318
ED 039 345	VT 010 950	ED 041 102	VT 009 824	ED 042 003	VT 010 942
ED 039 347	VT 010 976	ED 041 103	VT 009 831	ED 042 005	VT 011 002
ED 039 348	VT 010 980	ED 041 104	VT 010 158	ED 042 006	VT 011 008
ED 039 349	VT 010 981	ED 041 105	VT 010 177	ED 042 007	VT 011 028
ED 039 350	VT 010 985	ED 041 106	VT 010 200	ED 042 008	VT 011 032
ED 039 351	VT 011 007	ED 041 108	VT 010 395	ED 042 009	VT 011 041
ED 039 352	VT 011 013	ED 041 109	VT 010 563	ED 042 010	VT 011 112
ED 039 353	VT 011 020	ED 041 110	VT 010 657	ED 042 012	VT 011 209
ED 039 354	VT 011 021	ED 041 111	VT 010 940	ED 042 013	VT 011 260
ED 039 355	VT 011 023	ED 041 112	VT 011 081	ED 042 014	VT 011 278
ED 039 356	VT 011 088	ED 041 113	VT 011 095	ED 042 015	VT 011 288
ED 039 357	VT 011 091	ED 041 114	VT 011 170	ED 042 016	VT 011 289
ED 039 358	VT 011 098	ED 041 115	VT 011 180	ED 042 017	VT 011 303
ED 039 359	VT 011 099	ED 041 116	VT 011 184	ED 042 018	VT 011 305
ED 039 360	VT 011 102	ED 041 117	VT 011 192	ED 042 019	VT 011 306
ED 039 361	VT 011 132	ED 041 118	VT 011 194	ED 042 020	VT 011 335
ED 039 362	VT 011 133	ED 041 119	VT 011 222	ED 042 021	VT 011 369
ED 039 364	VT 011 137	ED 041 120	VT 011 228	ED 042 022	VT 011 370
ED 039 366	VT 011 171	ED 041 121	VT 011 235	ED 042 023	VT 011 371
ED 039 368	VT 011 178	ED 041 122	VT 011 240	ED 042 024	VT 011 388
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16	National Program Development Institutes in Technical Education, Summer, 1967: A Compilation of Selected Presentations and Instructional Materials, by A. J. Miller and I. E. Valentine, February, 1968	--	ED 021 069 MF-$.75, HC-$9.55
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